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Volume 130 AUGUST 3, 1936 Number 5

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Volume 130 AUGUST 3, 1936 Number 5

LIBRARY

La. Drug Act Enforced Now

Commissioner Says Report Of Postponement Was Unauthorized

Tolerant View Manifested

Reasonable Time to Be Given For Registering Products —Co-operation Asked

In spite of "scare-head" announcements to the contrary, enforcement of the new food, drugs, and cosmetics law in Louisiana was started August 1, the date on which the act became effective.

J. A. O'Hara, M.D., president of the Louisiana State Board of Health and ex-officio food and drug commissioner empowered to enforce the act, told the REPORTER in a telegram July 28 that the law would be enforced from August 1 "as it repeals our previous food and drug law."

Dr. O'Hara said further:—

Recent trade journal headline—"Louisiana Won't Enforce Drug Act Until 1937"—is misleading and without authority. Will appreciate your co-operation in printing correct information.

No definite time limit has been set for enforcing the act's provision making registration of a product necessary for its sale in Louisiana. Dr. O'Hara says that a reasonable time will be given manufacturers to register their products and otherwise to comply with the law. All manufacturers showing a co-operative spirit, he says, will-receive reciprocal attention by this department."

Registration Required

In a letter to manufacturers of foods, drugs, and cosmetics, July 8, Dr. O'Hara quoted section 17 (a) of the law, which authorizes the State board of health to conduct appropriate examinations and investigations and to "require all manufacturers, packers, or proprietors of processed food, proprietary or patent medicines, prophylactic devises, and cosmetics, in package form, to register each separate and distinct product annually with the board."

He also cited the provision that authorizes an annual examination and investigation charge of not more than $5 for any one product or not more than $100 for anyone registrant. His letter contained a request that the registration

(Continued on page 42)

Ickes Cautions Against Fake Oil Lease Agents

WASHINGTON, July 29, 1936.

Secretary of the Interior Ickes issued a warning today against any persons or associations representing themselves as agents of the Government and soliciting the purchase of acreage interests in applications for oil and gas prospecting permits or leases on United States public lands, and stated they should be reported immediately to the nearest local office of the division of investigations, Department of the Interior.

No person or association has been authorized to act in this capacity, it is pointed out, and those doing so are operating a fraudulent scheme to fleece innocent investors.

Under the Federal laws, oil and gas prospecting leases are issued by the Secretary of the Interior, upon proper application for lands not known to be valuable for oil or gas; leases of public lands known to be valuable for oil or gas are sold to the highest bidder and on such leases an annual rental of $1 per acre is required.

Narcotics Convention Not Signed by U. S.

Representative at Geneva Avers New Pact Will Weaken Enforcement Laws

WASHINGTON, July 29, 1936.

The International Convention for the Suppression of the Illicit Traffic in Dangerous Drugs which was signed by twenty-seven nations in Geneva, June 26, will actually weaken present enforcement laws instead of strengthening them, in the opinion of Stuart J. Fuller, representative of the United States at the conference.

Mr. Fuller refused to sign the document on behalf of the United States and at the time issued a strong statement condemning it. The United States was represented by Mr. Fuller, narcotics authority of the Department of State, and Harry J. Anslinger, Commissioner of Narcotics, with Frank X. Ward of the Department of State as legal adviser.

Adoption of the convention, Mr. Fuller said, would make it necessary for the United States to repeal the Harrison act would nullify treaties providing for extradition of narcotic offenders, and would not give a treaty basis for effective legislation in the United States or other countries. He sought amendments which would give the United States government the power to enact Federal legislation controlling production and use of cannabis, and which would require other countries to impose severe penalties for narcotic offenses and provide better enforcement of narcotic laws in extraterritorial jurisdictions. He took the position that existing treaties give sufficient basis for strict legislation if they are adhered to, but he sought to have the new treaty limit the manufacture of narcotic drugs exclusively to medical and scientific purposes.

Although the United States could not sign the convention, said Mr. Fuller, it would continue to extend all possible cooperation to other nations in the campaign against the abuse of narcotic drugs. In his opinion this could be done more effectively under the existing American system than under the limitations the convention would impose.

Just prior to the Geneva conference Mr. Fuller attended the semi-annual meeting of the opium advisory commit-

(Continued on page 29)

Federal Administrative Court Proposed by A.B.A. Committee

Bar Association to Discuss Agency Centralizing Diversely Exercised Judicial Powers —Review of Facts a Feature

WASHINGTON, July 27, 1936.

A proposal for the creation of an administrative court which eventually would take over all the judicial functions of Federal departments, commissions, and independent agencies, is made in a report released today by the special committee on administrative law of the American Bar Association.

The recommendation will be voted on at the A.B.A. convention in Boston next month, and includes endorsement of the general principles of the Logan bill which was introduced in the last session of Congress.

The proposed administrative court would not immediately affect such bodies as the Federal Trade Commission except that it would have power to entertain appeals from their decisions. It is proposed eventually to give the new court practically all the judicial functions which the commission found are now exercised by seventy-three Federal administrative agencies in 267 classes of cases.

As a nucleus for future gradual expansion, the new court would take over bodily the present Court of Claims, Board of Tax Appeals, Customs Court, Court of Customs and Patent Appeals, powers of the Federal district courts over claims against the United States and claims against collectors of internal revenue, and the special powers of the Supreme Court of the District of Columbia over actions for writ of mandamus or injunction against officers and employees of the United States.

Regulatory Agencies Not Affected

Except for these agencies, no other bureaus or commissions would be abolished at present. The many regulatory commissions and officials would continue to exercise their present powers to make rules and regulations, their powers to enforce and administer the laws, and most of their present powers to act as the judge of their own actions. However, the new court would immediately be given all judicial powers relating to the revocation of licenses or permits. The committee found about 100 instances where some sort of a permit is required from some official or commission in order to do business, and in almost every case the same official or commission has power to make regulations, grant permits or licenses, investigate and prosecute charges of infractions, and revoke the permits or impose other penalties.

Another interesting feature is that the proposed administrative court would have power to review both the facts and the law on appeals from decisions from administrative officials. At present the so-called "constitutional courts" will not review the facts if a decision is supported by any evidence whatever, but limit their reviews to questions of law. But, the construction of the facts in a case, for example unfair competi-

(Continued on page 26)

Manganese Producers Assail Russian Pact

WASHINGTON, July 29, 1936.

A charge that the Administration is without authority to extend the commercial agreement with the Soviet Union was filed with the Department of State today by J. Carson Adkerson, president of the American Manganese Producers Association.

The agreement is a one-year executive commercial agreement which expired July 13 and which was renewed on that date for another year. Under that agreement the United States gives Russia most-favored-nation treatment and the Soviet government agrees to make large purchases in this country. The manganese producers protested renewal of this agreement on the ground that it permits Russia to benefit from the reduction of duty on manganese made in the reciprocal trade agreement with Brazil.

In his letter Mr. Adkerson states that, since the Russian agreement was concluded without notice or hearings and was not submitted to the senate for ratification, it "appears in violation of the constitution as an illegal and unauthorized document." Department of State officials, however, declare that for a

(Continued on page 28)

Carbon Black Made in Germany

Naphthalene Is Basis of New Product That Users Must Mix with Imported Material

Germany's efforts during the past two years to develop a carbon black comparable with the American product are now reported locally to have met with success, according to information received by the Department of Commerce from the consul at Frankfort-on-Main.

The German product, which is based upon naphthalene as a raw material, is now in commercial production and is rapidly displacing American carbon black which formerly supplied practically all the German requirements for high grade black pigments.

During the first five months of the current year, German imports of carbon black contracted sharply to 2,945 metric tons, compared with 4,763 tons in the corresponding months of 1935, official German statistics show.

It is understood that the recent official restrictions placed on exports of naphthalene from Germany were instituted at the request of manufacturers interested in using this material to make carbon black, as they felt that they could not undertake the manufacture of this new synthetic product without first being assured of an adequate supply of domestic raw material.

A disadvantage of Germany's new carbon black product, which would be more serious under normal conditions of international trade, is its price, which is considerably above that of high-grade imported gas blacks coming from the United States. However, because of conditions now affecting German economy, particularly the severe shortage of foreign exchange which renders it very difficult to negotiate imports, even of vitally needed raw materials, it is felt in that country that relative costs are no longer a decisive factor where national economic independence is concerned, according to the Department of Commerce.

To insure a market for the high-priced domestic naphthalene black the German government issued a decree some weeks ago requiring rubber tire and other consuming industries to admix 20 percent of the new product with imported gas blacks for all purposes which require high-grade carbon blacks.

Fertilizer Formula Law Temporarily Restrained

GREENVILLE, S. C., July 28, 1936.

A three-judge Federal court yesterday granted an order temporarily restraining the trustees of Clemson College and the Attorney-General of South Carolina from enforcing the 1936 open-formula amendment to the South Carolina fertilizer law. This action was in a suit filed on behalf of the National Fertilizer Association and forty-one fertilizer manufacturers as coplaintiffs by Elliott, McLain, Wardlaw & Elliott, Columbia. The complaint states that the amendment is unconstitutional because it would deprive fertilizer manufacturers of valuable property and property rights.

Hearing on the permanent injunction will be held by the court in Asheville August 12. The restraining order preserves the present status in the meantime.

Closing Market Developments

London Closing Cable

LONDON, July 31, 1936.

Quicksilver was higher at £11 10s to £12 per flask, compared with £11 7s 6d to £11 17s 6d quoted previously. Carnauba was noted at 160s per hundredweight, compared with 157s 6d in the previous week.

Organic Ammonia Strong

A few lots of ground tankage sold in New York Friday at $3.25 and 10c. per unit-ton. Additonal sales of unground menhaden fish scrap were reported from the Chesapeake area at $3 and 10c. per unit-ton, basis factory, and one report indicated that an outside sale had been transacted at $3.25 and 10c. The latter deal was not confirmable here however. California sardine meal was reported available for shipment at $3.25 and 10c. per unit-ton, basis East Coast ports.

Buchu Leaves Advanced

Quotations on buchu leaves were advanced to 77½c. to 80c. per pound late last week. This rise reflected the prevailing high prices on goods to come forward. Angelica root was much higher for shipment and somewhat more expensive on spot. Natural root ranged from 55c. to 70c. per pound on spot and the twisted variety was revalued upward to 60c. to 75c., prevailing over that wide range according to seller.

Arabic, Tragacanth Stronger

Although prices on arabic and tragacanth lacked change last week, reports prevailing late in the period was that the market on both—and especially on tragacanth—was stronger with higher prices a reasonable prospect. In fact, all such gums as mastic, sandarac, myrrh and guaiac showed a strengthening trend as the week ended.

Tallow Lower

Tallow was easier late in the week. Sales were reported at 5¾c. per pound for extra showing a further decline of ⅛c. per pound. Greases were also shaded ⅛c. per pound.

Drug Store Chain Sales In June Up 5.1 Percent

Sales of chain drug stores for the month of June, 1936, registered an increase in comparison with the sales for the corresponding month of last year, according to a Department of Commerce report issued in a monthly series. Average daily sales during the month were 5.1 percent higher than in June, 1935. Compared with the same month a year ago, tobacco sales increased 1.4 percent; fountain sales increased 13.7 percent, and all other sales increased 2.9 percent.

Without allowances for seasonal variation, June sales were 1.5 percent higher than the sales of May of this year. Tobacco sales increased 2.9 percent from May to June; fountain sales increased 4.0 percent from May to June and all other sales decreased 0.2 percent. Total net sales increased 1.5 percent from May to June, 1936, and increased 5.1 percent over the total net sales for the corresponding period of a year ago.

The figures were computed from reports received from 49 companies reporting sales in identical stores for the three periods compared. The store units were located in 45 states and the District of Columbia, and represented about 55 percent of total chain store units. Sales were reduced to a daily average basis before the percentage changes were calculated. Equal weight was given to each day of the calendar months involved.

Iodine Output Down in '35

Sales of domestically produced iodine in the United States in 1935 totaled 245,696 pounds valued at $248,654, compared with 284,604 pounds valued at $342,957 in the previous year, according to a report of the United States Bureau of Mines. Imports of crude iodine amounted to 375,819 pounds valued at $420,793 in 1935, compared with 1,481,123 pounds valued at $2,134,979 in the previous year. All the iodine imported was from Chile where it was obtained as a byproduct of nitrate plants.

Alcohol-gasoline motor fuel is required in Lithuania by regulations made effective March 31. It is required to contain 25 percent of anhydrous alcohol, legally obtainable only from distillery of Iped. St. Montvilas ir Ko., Panevezys. Mixing of the fuel is under government supervision.

Chemical Price Trend Upward

The upward trend of prices in the markets for heavy and fine chemicals continued last week, advances far outnumbering reductions. Few of the changes affected articles of major importance. Demand developed no new interests, but the volume of the movement was very good for the season. Expectations were that industrial activity would not slump this month.

Price advances applied to domestic cresylic acid, corn syrup, a few kauris, softwood charcoal, domestic castor pomace, Chesapeake fish scrap, and imported dried blood. Reductions affected metabisulphite of potash and camphor.

The REPORTER'S composite index number of prices for heavy and fine chemicals was unchanged at 125.2 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.6, against 88.9 at this time last year; the difference is caused by a lower average for paint materials, prices in all other divisions averaging above 1935 levels.

Industrial Alcohol Data

Ethyl and denatured alcohol production, withdrawals, removals, transfers, and month-end warehouse stocks for the month of June, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of twenty-six plants producing ethyl alcohol, and thirty-two plants producing denatured alcohol, were as follows:—

Ethyl Alcohol

	Proof gallons.
Production	14,527,515
Withdrawal, tax paid	2,118,505
For hospital, scientific and educational use	140,473
For United States and subdivisions	67,957
For export	103
For denaturation	12,553,805
Transferred to vinegar plants	32,437
Warehouse losses	Nil
Stocks June 30	20,393,941

Denatured Alcohol

	Wine gallons—Completely.	Specially.
Production	1,765,687	5,568,310
*Removed	1,665,020	5,614,216
Stocks June 30	2,115,038	449,156

* Including amount shipped to bonded dealers.

According to the reports from sixty-five bonded dealers, 289,654 wine gallons of specially denatured alcohol were received from the denaturing plants in June. There were 311,745 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 2,710 wine gallons. Stocks on hand at the end of June totaled 332,553 wine gallons.

The above figures are subject to change upon audit of reports rendered to the Department.

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Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:

Alcohol.—Germany has increased the quantity of alcohol which must be purchased from the German alcohol monopoly by importers and manufacturers of motor fuels from 2½ percent to 4 percent of the net weight of the imported or domestically produced fuel.

Bitumens.—Italy, for the third quarter of 1936, has made solid bitumens subject to import license.

Calcium Citrate.—Italy has extended to calcium citrate the privileges of "temporary importation" with drawback provisions on re-exportation when the product is imported into Italy for specified purposes.

Chromium Oxide.—Uruguay has classified chromium oxide as coloring for paints, not specified, in the raw materials schedule, of the tariff, dutiable at 5 percent plus a surtax of 5 percent of an official valuation of 16.80 pesos per 100 kilograms.

Coke.—France has increased the tax on licenses for importations of coke into France from 0.40 franc to 1.50 francs per 100 kilos.

Essential Oils.—Italy, for the third quarter of 1936, has made essential oils subject to import license.

Gelatin.—Canada, effective July 4, requires that import certificates in prescribed form must be furnished by shippers for all imported edible gelatin and inedible gelatin.

Glue.—Canada, effective July 4, requires that import certificates in prescribed form must be furnished by shippers for all glue.

Ink.—Italy, for the third quarter of 1936, has made ink subject to import license.

Perfumes.—Italy, for the third quarter of 1936, has made perfumes subject to import license.

Tin.—France, after an exchange of notes with Belgium, has removed the increase in the French general import tax of from 2 to 4 percent ad valorem, for imports of pure or alloyed tin into France from the Belgian Congo.

Rubber Accelerators:—Sweden, by royal proclamation, has made rubber accelerators and antioxidants, not otherwise specified, for use in the rubber industry, except hexamethylenetetramine, duty free. They were formerly dutiable at 15 percent ad valorem.

Gasoline Tax on Sales To U.S. 'ABC' Units

The Bureau of Internal Revenue has ruled that under the revenue act of 1932 as variously amended, sales of gasoline and lubricating oil are not subject to the provided taxes when made to the following Federal "ABC" units:—

Agricultural Adjustment Administration
Consumers Advisory Board
Civilian Conservation Corps
Central Statistical Board
Civil Works Administration
Emergency Housing Corporation
Electric Home and Farm Authority
Federal Alcohol Control Administration
Federal Co-ordinator of Transportation
Federal Emergency Administration of Public Works
Federal Emergency Relief Administration
Federal Home Loan Board
Federal Surplus Relief Corporation
Federal Intermediate Credit Banks (for exclusive use)
Grain Futures Administration
Home Owners' Loan Corporation
Interstate Commerce Commission
National Emergency Council
National Labor Board
National Recovery Administration
Petroleum Industry Administration
Production Credit Corporations (for exclusive use)
Reconstruction Finance Corporation
Tennessee Valley Authority
Works Progress Administration (over exclusive use—sales to contractors on WPA work are taxable)

The taxes apply to sales of gasoline or lubricating oil to the following units:—

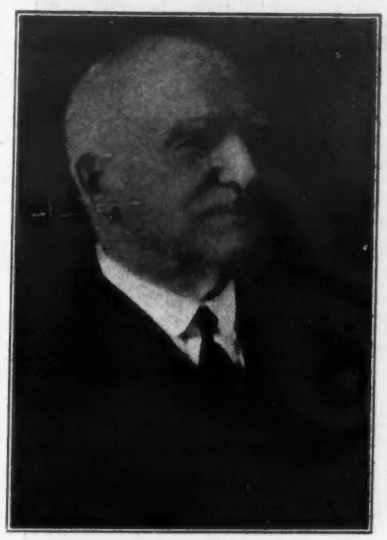
Banks for Co-operatives
Federal Deposit Insurance Corporation
Federal Home Loan Banks
Federal Land Banks

The status of sales to the Emergency Fleet Corporation has not yet been decided.

Sir Henry Wellcome, World Scientist, Dies

Head of Great Pharmaceutical Firm Was Foremost in Wide Range of Activities

Sir Henry Solomon Wellcome, head of Burroughs, Wellcome & Co., pharmaceutical manufacturer, London, and of its affiliates in the United States, Italy, Canada, Australia, India, China and other countries; founder of the Wellcome Research Institution and its associated laboratories; knighted by King George, and decorated by the



Sir Henry Wellcome

French Republic and the Spanish Republic for his services to medical and pharmaceutical development, and former honorary president of the American Pharmaceutical Association, died in London, July 25, following an operation. He was eighty-two years old.

Born in a log cabin in a frontier settlement in Wisconsin, son of an itinerant missionary, Sir Henry's parents moved to Garden City, Minn., where the young man received early practical training in chemistry and pharmacy from an English chemist. At the age of 17 he was placed in charge of the dispensing Department of Poole & Geysinger's Pharmacy, Rochester, Minn. After several years' experience there he went to the Chicago College of Pharmacy for one year. In his early days he met Dr. William W. Mayo, father of the Mayo brothers, who took a keen interest in the young man. Dr. Mayo arranged for Sir Henry's matriculation from the Philadelphia College of Pharmacy in 1874. Sir Henry always attributed his success in after life to the interest of Dr. Mayo. After graduation he accepted a position with Caswell Hazard & Co., this city, and then with McKesson & Robbins, by whom he was sent on special missions to various parts of North and South America. Later he went to England and discussed with his friend, S. M. Burroughs, another American, the advisability of engaging in chemical and pharmaceutical manufacturing, and as a result the firm of Burroughs, Wellcome & Co. was formed, and from comparatively small beginnings grew the world-wide establishment.

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T. G. A. Asks F. T. C. Conference

Cosmetic Manufacturers Seek Trade Rules to Clarify Robinson-Patman Act

Interpretation of the Robinson-Patman amendment to the Clayton Act through a trade practice conference with the Federal Trade Commission was unanimously asked by eighty-two representatives of manufacturers of toilet articles at a luncheon meeting held July 30, in the Biltmore hotel, this city, under the auspices of the Toilet Goods Association. The toilet goods industry requested a trade practice conference three years ago, but although the request was granted at the time the actual conference has been repeatedly postponed, and it is now the intention of the industry to revive its previous request or renew it.

The action was inspired by a motion of Cecil Smith, president of Yardley & Co., who pointed out that such a conference would save years of misunderstanding while waiting for court decisions and would provide a definite interpretation of the legality of many trade practices under the new law.

Hugo Mock, counsel to the association, addressed the meeting, criticizing manufacturers for their disinclination to act in accordance with the law. He stated that it was the duty of every manufacturer to obey the law and to cancel obligations which they have, that are contrary to the purpose of the act.

The only reason for not acting in accordance with the law is "not understanding what it means, and the act is not as obscure as that," said Mr. Mock, adding that thus far there has not been sufficient compliance with those provisions of the act which are clear and which definitely rule out various practices as illegal.

Mr. Mock asked manufacturers to govern their actions in accordance with the purposes and philosophy of the amendment to treat all buyers alike. He expressed the opinion that the act may be a "blessing in disguise," as it may bring about a sound basis for granting discounts, which recognizes actual economics in production and delivery instead of representing mere guesswork. He urged that manufacturers make up their minds about what they are going to do and not be afraid to be the first to act in accordance with the law. Mr. Mock sounded the deathknell of "P. M.'s" with the statement that such allowances are illegal under the law unless they are given to all, and they are of no value to the manufacturer if they are given to all.

Patman Act Interpreted For Sellers of Paint

N.P.V.L.A. Furnishes Members Opinions on Number of Trade Practices

WASHINGTON, July 29, 1936.

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, has issued to the members of the association a twelve-page printed report embodying "Legal Opinions Respecting Certain Marketing Practices in the Paint Industry," prepared by T. J. McFadden (formerly general manager of the association) of the law firm of Donovan, Bond & Leisure. The report deals with ten specific questions of outstanding importance to the members of the paint industry, in relation to the Robinson-Patman act:—

Quantity discounts to dealers.
Freight allowances—meeting competition.
Terms of sale.
Sales and technical service.
Spring stock orders.
Advertising matter.
Advertising allowances.
Trade discounts.
Direct sales.
Responsibility of the buyer.

Mr. McFadden is cautious in his comment on the questions to which he has given attention. He points out the peculiarities in respect of competitive aspects with which practically all selling practices are attended.

Commenting on the nature and purpose of the opinions Mr. Trigg, in an appended statement, says:

We do not consider that any general opinion at this time is conclusive so far as the individual manufacturer or merchant is concerned. Particularly in this legal field the propriety of any act depends upon all of the surrounding facts in each particular case. We call your attention to the statement in Mr. McFadden's opinon above that "A particular schedule of discounts might be illegal if granted by one person and not illegal if granted by another person."

These opinions are, therefore, submitted to you informatively with the thought that it will help the members of this association to clarify their own thinking and assist them in principle in arriving at their own conclusions which necessarily must be based upon their own particular conditions and methods.

We shall keep you advised of any further developments in this matter which we believe are important to the members of this association, and in the meantime if you have questions to submit to us respecting it from time to time, we will give you the best information obtainable on such matters as promptly as possible.

With respect to quantity discounts, Mr. McFadden, after reviewing this practice in detail, states the following conclusions:

(1) Do not allow quantity discounts which exceed savings in the cost of manufacture, sale, or delivery which result from the differing methods or quantities in which commodities are sold or delivered. In other words, avoid an arbitrary schedule of discounts.

(2) Allow such discounts only where they are earned. Do not anticipate those which may accrue later.

(3) It is best to allow such discounts only at the time of each sale or delivery. However, in most cases, it is proper to withold earned discounts for quantity and grant them at the end of the year.

(4) Treat all customers alike. Quantity discounts which a seller grants to one buyer should be made available on equal terms to all buyers. The best way to make them available is for the seller to publish his discounts with his prices.

With respect to freight allowances Mr. McFadden points out the necessity of fully considering the many competitive ramifications that follow the sale of materials to industrial consumers. His advice is that the prudent seller will deal on the same basis with all purchasers whose operations are or may be in any manner be competitive. To avoid charges of discrimination, he advises sellers to extend the same terms

(Continued on page 28)

Nitrogen Prices Lower For German Consumers

The new schedule of the German Nitrogen Syndicate, which became effective July 1, makes reductions of approximately 3 percent in domestic prices of nitrogenous fertilizer materials.

The new schedule is "definite," according to information received by the Department of Commerce from the consul at Frankfort-on-Main, in that it will be binding for at least four years, and thus settles, at least officially, the perennial dispute between agriculture and the nitrogen industry arising from the former's demands for lower fertilizer prices.

In the new price schedule the disparity between the higher prices obtaining in the active purchase season from February to June, inclusive, and lower prices in the preceding off-season months of the fertilizer year has been narrowed. In the future there will be a uniform maximum increase for all nitrogen fertilizer types of 10 pfennigs per kilogram of nitrogen from the month of lowest prices in the dullest trade month (July) to the peak price level during the active February-June period. This leveling down of prices was instituted to stimulate fertilizer consumption for fodder and interseasonal crops and, thereby to increase production of these crops.

(Continued on page 28)

Tung Oil Ass'n to Meet With Farm Chemurgic

The Tung Oil Association of America, which was formed about a year ago to stimulate and advance the interests of the tung industry in this country, and the Farm Chemurgic Council, which was organized a few months previously to bring about active co-operation of agriculture, industry, and science, will hold a joint national meeting in Pensacola, Fla., October 20 and 21.

J. P. Adderley, one of the pioneers in tung tree growing in the South, is president of the sponsoring organization, and Francis P. Garvan, president of the Chemical Foundation, is president of the Farm Chemurgic, which has among its members many chemical industrialists and leaders in chemistry, and which has taken a major interest in the tung industry. Invitations will be directed toward making the meeting a broadly representative gathering of the new industry.

Petroleum products imported into Chile during 1935 showed increases, in comparison with the preceding year as follows:—Diesel oil, 96 percent; gasoline, 45 percent; lubricating oil, 37 percent; paraffin, 49 percent. The United States was the major source of the imported products with the exception of gasoline and paraffin.

World Chemical Developments

Germany's leading chemical organization, the I. G. Farbenindustrie, has commenced large-scale manufacture of "Buna," a synthetic rubber product. The cost of production is said to be somewhat higher than the price of natural rubber.

The Canadian Department of Agriculture has found sulphur dust to be very effective in preventing plant rust, but due to wastage and danger to operators the method is not considered to be commercially economic, a report from Ottawa states. During experiments conducted at the Dominion Experimental Farm sulphur dust was discharged from airplanes flying at altitudes of approximately fifteen feet. Wastage was heavy and several planes were destroyed during experiments, according to the report.

Germany's compressed gas trade has increased rapidly in recent years due to heavier demand, both in domestic and foreign markets. The output last year surpassed the 1929 peak, and indications point to further gains in future. It is estimated that over 60 million cubic meters of oxy-acetylene gas are now being used annually in Germany for welding alone. Manufacturers report particularly marked gains in the demand for dissolved acetylene.

Southern Germany is said to possess one of the world's most unique bee farms, in that the bees are raised for their sting poison and not for the honey which they produce—the poison obtained being sold as an anti-rheumatic. The farm, which has some 50 million bees, is conducted along advanced scientific lines, according to reports received by the Department of Commerce.

Capital for the Chinese Vegetable Oil Corporation is reported to be fully subscribed, but the preparatory committee is still devoting efforts to completing technical and administrative details, according to advices from Shanghai. No official announcement has been made regarding formal inauguration of the corporation, but it has been intimated that it will be in operation by the end of August.

The corporation which was created by the Chinese government on May 12 will have complete control over the country's vegetable oil output, including tung and perilla oils, 75 percent of which are exported to the United States.

Hypochlorite Solutions Specifications Revised

Revised specifications have been issued by the National Association of Insecticide and Disinfectant manufacturers for hypochlorite solutions sold as disinfectants, deodorants, or germicides.

The specifications require the hypochlorite solution be a homogeneous liquid, freely miscible with distilled water; that it contain not less than 2.5 percent nor more than 7 percent of available chlorine as determined by specified methods; and that the loss of chlorine shall be not more than 10 percent of the original content upon six months' storage in the original container in a cool, dark place.

Regulations on labeling, packing, and delivery are also included in the specifications.

S.C.I. Officers Elected

At the fifty-fifth annual general meeting of the Society of Chemical Industry, held July 7 in Liverpool, England, the following officers were unanimously elected:—

President, Viscount Leverhulme.

Vice-presidents, Prof. C. O. Bannister, W. A. S. Calder, C. S. Garland, Dr. L. A. Jordan.

Treasurer, Dr. L. H. Lampitt.

Foreign secretary, J. Davidson Pratt.

Ordinary members of the council, M. P. Appleby, H. W. Cremer, George Gray, and H. W. James.

EXPECT *Everything* OF THIS SPOUT . . . *it's got it!*

• It flips open at a touch . . . a spring in the hinge keeps it open . . . it pours clean . . . pours accurately . . . it closes with a click . . . swivels to the center so that containers stack.

Sturdily built into our five gallon, rim sealed steel containers . . . or detachable, as preferred.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms. ....lb. .65 - .70
Acetone CP dms, cl., delvd....lb. .09 - —
l.c.l., delvd. ....lb. .09½- —
tanks, delvd ....lb. .08 - —
Methyl (see M)
Acetophenone, bots., cns.....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
50%, bbls. ....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls. ....100 lbs. 5.73 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
80%, bbls. ....100 lbs. 6.53 - 6.78
cbys. ....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. ....100 lbs. 8.43 - 8.68
cbys ....100 lbs. 8.93 - 9.18
USP., dms. ....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls.....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
30%, bbls. ....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls. ....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
90%, bbls. ....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 8.83 - 9.08

Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.

Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs. ....lb. .60 - —
25 lbs. ....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls.....lb. .85 - .95
tech., bbls. ....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs.....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys.....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls.....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys.,works, lb. .25 - .30
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Capreic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms.....lb. .03½- .05
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .26 - —
kegs ....lb. .26½- —
gran., bbls....lb. .26 - —
kegs ....lb. .26½- —
powds, bbls....lb. .26½- —
anhyd., gran., dms....lb. .29 - —
powd., dms....lb. .29½- —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls....lb. .52 - .54
Coconut oil, white, dms.....lb. .09½- .10¼
Cottonseed oil, dms....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis.....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis.....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis. gal. .83 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums.....gal. .79 - .94
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l..lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls.....lb. .04½- .05
light, refined, bbls.....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls.....lb. .11½- .12
USP, X, 85%, cbys.....lb. .45 - .50
USP, VIII, 75%, cbys.....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1250-.1290
tanks ....lb. .1190- —
extra white, dms....lb. .11 - .11½
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Nevile & Winther's, bbls.....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½

Prices of yellow nitric acid 25c. per 100 lbs. below those above.

Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12¼
Palm oil, dms....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys, djns.. lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works ....lb. .16 - —
Pyrogallic, cryst., cns.....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .13
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., delvd..lb. .09 - .10
single pressed, bgs., delvd.lb. .08½- .09½
triple pressed, bgs., delvd.lb. .11¾- .12¾
saponif., double pressed, bgs., delvd..lb. .09½- .10½
triple pressed, bgs., dlvd..lb. .12 - .13
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
mid-W works.....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amorph., vis.....oz.17.00 - —
cryst., vis....oz.30.00 - —
Adeps, lanae, anhyd., dms.....lb. .17½- .19
hyd., dms. ....lb. .16 - .18
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .65 - .66
3, bls....lb. .59 - .60
Agaric, white, bls....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs. ....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs. ....lb. .79 - .81
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., divd..lb. .15 - —
l.c.l., divd. ....lb. .157 - —
tanks, divd. ....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots. ....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms. ....lb. .95 - —
import., 85%, dms., 100 lbs..lb. .55 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs.....lb. .40 - —
Cinnamic, bots. ....lb. 3.40 - 3.50
Denatured, CD11, 12, 13, dms. c.l. divd. E..gal. .34 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E, works..gal. .29 - —
l.c.l., 5 to 19, E. works, gal. .35 - —
1 to 4, E. works....gal. .37 - —

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .28 - —
f.o.b. W. points...gal. .30 - —
l.c.l., 20, E. works..gal. .30 - —
5 to 19, E. works..gal. .34 - —
1 to 4, E. works...gal. .38 - —
l.c.l., f.o.b. W. points, gal. .43 - —
tanks, E. works.....gal. .23 - —

Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Special solvent, dms., c.l., E. works..gal. .29 - —
f.o.b. W. points.....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works.....gal. .31 - —
5 to 19, E. works....gal. .35 - —
5 to 9, f.o.b. W. points, gal. .52 - —
1 to 4, E. works....gal. .37 - —
f.o.b. W. points..gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works.....gal. .24 - —
f.o.b. W. points.....gal. .35 - —

Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Diacetone, pure, contract, dms., c.l., frt. alld.....lb. .18 - —
l.c.l., frt. alld.....lb. .18½- —
tech., contract, dms, c.l., frt. alld. ....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. ....gal. 4.13 - —
l.c.l. ....gal. 4.15 - 4.25
dms., c.l. ....gal. 4.12 - —
l.c.l. ....gal. 4.14 - 4.24
tanks ....gal. 4.07 - —
absolute, dms. ....gal. 4.54 - 6.06½

Grain alcohol 25c. per gal. higher.

Hexyl, secondary, dms., c.l., f.o.b., dest. ....lb. 1.25 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing .....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms.....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld.....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. .....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs. ....lb. .22 - .23
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .68
Alphanaphthylamine, bbls.....lb. .33 - .37
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalised with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works.....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works.....lb. .08 - .08½

Alumina Hydrate—Black, Vine

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met, N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.60 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 bs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —
wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same bais..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —

Aluminum, powder, paste, ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb.. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .03¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Pereulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., July Spt. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.23.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.25.00 - —
Birmingham, Ala., ovens..ton.25.00 - —
Northern ovens...ton.23.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.24.00 - —

Ammonia sulphate, domestic, for Oct.-Nov. delivery is 50c. per ton additional; Dec.-June delivery is $1 per ton additional.

dbl. bgs., export, f.a.s. N.Y., ton. No prices
imports., bulk, c.l.f. Atlantic ports..ton. No prices
bgs., c.l.f. Atlantic ports.ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cans.....lb. .65 - 1.25
Amylene, dms, c.l.....lb. .102 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
Import, natural, bls.....lb. .55 - .70
twisted, bls.....lb. .60 - .75
Angostura bark, bls.....lb. .33 - .35
Anilin oil, dms.....lb. .10½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs. .....lb. .10½- .11
Star, bgs.....lb. .14 - .14½
Anisic aldehyde, bots.....lb.. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls. lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys..lb. .13 - .17
Metal, dom., duty paid.....lb. .11¾- —
import., c.i.f.....lb. .13 - .13¼
Needle, powd., bbls.....lb. .11½- .12

Antimony oxide, dom., bbls., c.l lb. .12¾- .13
l.c.l. .....lb. .13½- —
imports, bbls. .....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots .....lb. 2.10 - 2.15
Apomorphine, cns. .....oz.23.70 -23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls. .....lb. .18 - .20
triple, bbls. .....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .23 - .24
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .46
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .35 - .37
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery .....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07½- —
Atropine alkaloid, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.35

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs. .....ton.56.50 -61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N. Y..ton.83.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .05¼- .07½
Iodide, bots. .....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, csks. .....lb. .08¼- —
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex wrhse., Boston. ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York .....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex. wrhse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95/75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex wrhse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex wrhse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .11 - .12
Bentonite, 1, 96% 300 mesh, bgs., Wyo, works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms., works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —

Benzol tank prices, West, f.o.b. sellers' works.

Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots. .....lb.13.00 - —
Sulphate, bots. .....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls.....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.98
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .08¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico) .....lb. .0530 - —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.

Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works .....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .22 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y...lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y...lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y. ...lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y...lb. .05¼- —

Black dyes are listed under Dyes.

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AUG 3 1936

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A PRODUCT OF U.S.I.

SOLVENT NEWS

Reg. U. S. Pat. Off.

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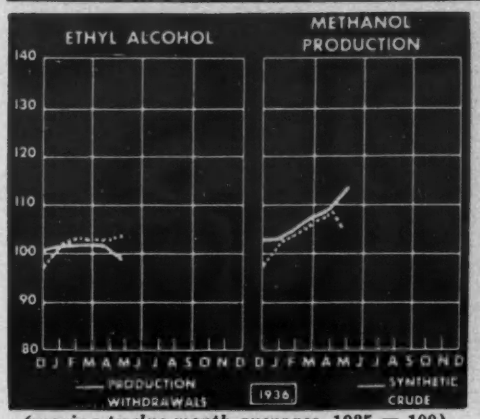
AUGUST ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936



(moving twelve-month averages, 1935 = 100)

		1936	1935
ETHYL ALCOHOL			
Production			
1000	Jan.-May	66,310	64,927
proof	May	14.537	15,791
gals.	April	11,948	14,235
Withdrawals			
1000	Jan.-May	63,941	57,267
proof	May	15,165	11,723
gals.	April	12,656	10,886
METHANOL			
Crude	Jan.-May	2,318	2,065
Production	May	427	452
1000	April	426	451
gals.			
Synthetic			
Production	Jan.-May	8,039	6,104
1000	May	1,755	1,203
gals.	April	1,693	1,167

PAINT, VARNISH, LACQUER SALES FOR MAY 13% ABOVE 1935

A new high mark for 1936 sales of paint, varnish, lacquer and fillers was reached in May. Total sales, as reported by 579 establishments in May, amounted to $40,989,663, according to the Department of Commerce report. This figure is 13.3% higher than for May, 1935, and is 24.2% above the figure of $32,991,160 for the same month in 1934.

The rise in sales during the four months since February has been more than seasonal, and may be taken as a reflection of the increasing activity in construction and general industry.

NEW GROUP OF DISPERSING AGENTS

Recently a group of dispersing agents known as polymerized organic salts of sulphonic acids of the alkyl-aryl type, has been presented to industry. It is claimed that they are true dispersing agents whose functions are to disperse and keep dispersed in aqueous environment, finely divided solids or small globules of liquids.

Among the features cited, are increased reactivity in the dispersed phase, maximum color strength, and covering power of dispersed pigments. Used as a grinding aid, these agents allow an increased output of tube and ball mills, and permit finer grinding. Because of the strong dispersing power, lower apparent viscosities of emulsions are achieved and less water is required to yield standard fluidity.

Some members of the group, it is said, are specific emulsifying agents which will permanently stabilize most emulsions against breakage by boiling, freezing or the addition of acids or salts, and will also allow the production of acid neutral or alkaline emulsions.

NITROCELLULOSE LACQUERS FOR COATING PAPER SHOW GAIN IN POPULARITY FOR FINISHING

Lacquer Coatings Suitable Where Great Durability and Striking Appearance are Important

The value of nitrocellulose lacquer coatings to give durability and enhance appearance of paper is becoming more and more widely recognized. For certain purposes, lacquer meets needs not filled by other type coatings and is being used on labels, wrappers, and numerous other classes of printed or lithographed material. Increased sales appeal results when packages are protected and made more attractive. Merchandisers have therefore readily accepted lacquer coatings. Other users of advertising displays, the suppliers of lacquer materials, and the finishers are all manifesting great interest in its further use.

Recent Increase in Use

Pyroxylin coated paper has been known commercially for a long time, but within the last several years there has been a substantial increase in the use of lacquer coatings on paper. Recently manufacturers of food products, cosmetics, and industrial specialties have shown how lacquer coated packages have increased the marketability of their wares. In some cases machine handling of lacquered packages has been speeded up to effect economies.

One advantage of lacquer for coating paper is found in the fact that it combines the unusual qualities of surface protection and improvement of the appearance. Lacquer is unusually resistant to water, grease, oils, fats, alkalies, and stains. It is flexible and quite hard, will not crack, nor will it become tacky. It imparts a rich glossy sheen which is water white, and remains so. One par-

(Continued on next page)

AMYL ACETATE SERVES AS BAIT IN GRASSHOPPER POISON

The control of grasshopper pests in many sections of the country has been facilitated by the use of a poison bran in which amyl acetate serves as the bait.

A number of the Agricultural Experiment stations in the mid-west have employed this type of poison with success.

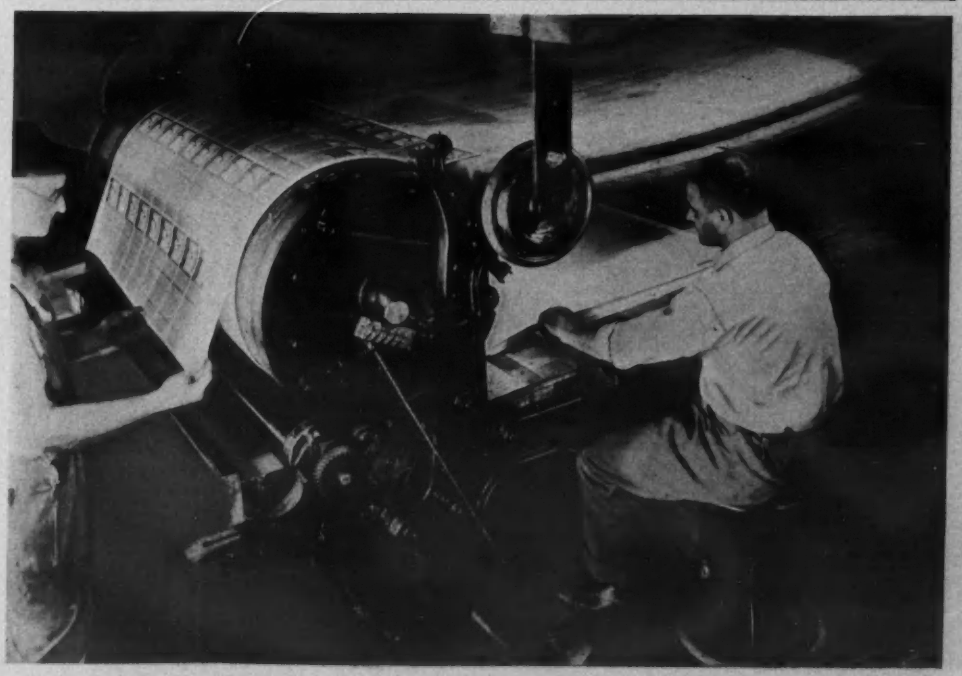
One of the formulas consists approximately of the following materials:

To 100 pounds of bran add:
5 lbs. of salt
1 qt. Sodium Arsenite
2 gals. Blackstrap Molasses
6 to 8 gals. water

All materials are thoroughly mixed, and 3 ozs. of Technical Amyl Acetate is added.

This mixture, or a similar one, can be broadcast over a field where the grasshoppers are feeding, or can be thinly poured into long trenches. The grasshoppers are attracted by the odor of the

(Continued on next page)



A COATING OF NITROCELLULOSE LACQUER is applied to paper surfaces with equipment of the kind illustrated above. Printed or lithographed sheets are passed through the rollers and then dried.

Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

ADVERTISEMENT—*This entire page is a paid advertisement.*

AUGUST ★ **SOLVENT NEWS** ★ 1936

SYNTHETIC RUBBER PRODUCED IN U. S. S. R. FROM ETHYL ALCOHOL

Considerable quantities of synthetic rubber are being manufactured in the U. S. S. R. from 90% alcohol, by what is known as the S. K. B. Process. It is reported that 11,000 to 12,000 tons were produced in 1934. Complete figures for 1935 are not available. It is reported that planned production for 1936 is 40,000 tons, and for 1937, 70,000 tons.

The S. K. B. Process depends on the manufacture of butadiene from ethyl alcohol. The butadiene is polymerized to form synthetic rubber with the aid of metallic sodium.

NITROCELLULOSE LACQUERS

(Continued from preceding page)

ticular advantage is that lacquer can be applied in heavy coatings to produce exceptionally attractive satiny effects.

The application of lacquers is not difficult, and a roller-coating machine of the type illustrated is often employed.

The formulation of lacquer is a problem of the supplier, but a knowledge of the characteristics of the ingredients by others concerned in its use will aid in the production of the most satisfactory jobs. All nitrocellulose lacquers for paper are made with nitrocellulose dissolved in solvents and plasticized with some acceptable plasticizer such as dibutyl phthalate. A resin is usually added. Principal considerations in formulation are the satisfactory flexibility and freedom from odor.

Since lacquers on paper are almost always force dried to speed up production, blushing is not a serious problem, and formulas high in alcohol content may be used. Freedom from odor on drying and residual odor in the dry coating are important, and alcohol is an excellent component from this standpoint.

Most of the difficulties which are encountered in the production of thoroughly satisfactory paper lacquer jobs can be met by a complete understanding between the lacquer supplier, finisher and the user. Hard papers and inks with low wax content are said to be most adaptable, but these materials should be selected with the cooperation of the printer, the customer, and the finisher. Water-lacquer emulsions can be used on papers which are too porous to take other lacquers.

The future of this durable and attractive finish is particularly promising for all kinds of wrapping and packages, and is one of the most interesting developments of the art of modern packaging.

U.S.I. CONTRIBUTES TO THE DOMESTIC SUPPLY OF INTERMEDIATES FOR DYES AND DYESTUFFS

Production of dyes and dyestuffs in the United States during the past decade has increased steadily, and this country is now independent of foreign sources for most essential materials.

Important dyes are produced using chemicals derived from or associated with alcohol, and U.S.I., through its research and production departments, has followed such developments step by step in supplying the demands of this fast expanding industry.

Three outstanding dye intermediates are produced by U.S.I.:

Ethyl Acetoacetate, an intermediate for an important dye group—the Hansa Yellows—is made using metallic sodium and ethyl acetate.

Sodium Ethyl Oxalacetate is an intermediate for Tartrazine and Pyrazolon dye groups. It is made using metallic sodium, ethyl acetate, and ethyl oxalate (the two latter materials being alcohol derivatives).

Acetoacetanilid is essential for the manufacture of Hansa Yellows. Acetoacetanilid is one of U.S.I.'s new products; it is made from aniline oil and ethyl acetoacetate (see above).

BAIT FOR GRASSHOPPER POISON

Amyl Acetate, and die after partaking of the mixture.

Amyl Acetate is available in three grades, designated as Commercial, High Test, and Technical. While the Technical grade has been employed in some instances, it is thought that other grades will better suit certain conditions in attracting grasshoppers because of slight difference in persistency of the odors.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

Rustproof and fireproof paints for use as primers to coat iron and steel are being offered. Paint formulas differ in accordance with conditions of use. The paints are said to resist dilute acids, alkalis and chlorides, and to be resistant to temperatures up to 1400 degrees F. The manufacturer points out that these paints are set by crystallization, not by oxidation.

U S I

Potash Silicate Alkaline in lump form is now being produced on an industrial scale. Material is said to be useful for impregnating surgical gauze and for fireproofing fabrics—such as used in theatrical scenery.

U S I

Handling of corrosive acids and alkalies may be facilitated by employment of a new latex pail. The pail is cast from latex, and is said by the manufacturer to be resistant to destructive chemical reactions and to have a long life. While the pail is flexible enough to prevent denting, cracking or chipping, it will not bulge appreciably. It is fitted with a replaceable stainless steel handle.

U S I

A new rubber base adhesive which is soluble only in water is offered. It is said to be non-flammable and to contain no acids or solvents, and will resist drying and crumbling. The new adhesive can be applied on metal, wood, glass, leather and paper. Specific applications are as a flexible padding cement for printers and binders, and for labeling on glass, molded products, etc.

U S I

A bond between glass and metal, wood, stone and like material may be formed by use of a new structural glass compound. Bonding strength, elasticity, and permanence are claimed. The material, which is a compound of vegetable oils and gums, is unaffected by extreme temperatures or moisture.

U S I

A new alkyd resin is available for formulating air dry white paints which have better brushing and non-yellowing properties. It is stated that outstanding features are complete miscibility with mineral thinners, stability with basic pigments and high durability with gloss retention. Materials can be utilized in mill whites, architectural finishes and industrial finishes where freedom from yellowing is required.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product ba... c.l...ton.60.00 -65.00
l.c.l .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.00 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 3.35 - 3.50
import, bgs., c.i.f. ports, Aug. shipt..unit-ton. 3.05 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .18
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .25 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb .24 - —
6, bbls., same basis.....lb. .25 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls. same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed unler Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99% cryst., bbls c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis..100 lbs. 4.15 - —
6-15, same basis..100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .06 - .061
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .092
jobbers, E. of Rockies.lb. .085 - .086
Blueflag root, bls.....lb. .14 Nom.
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.22.00 -25.00
c.i.f. Atlantic ports..ton.27.00 -28.00
S.A., bgs., c.i.f. ports..ton.26.00 -27.00
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.23.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.23.00 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd....ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers East.....lb. .08 - .14¼
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18¼
West .....lb. .09¼- .11¼
jobbers, East.....lb. .08¾- .14¾
West .....lb. .08¼- .10¼
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 90 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s., c.l., works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (See A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - ...
Brown, iron oxide, pure precip., csks., f.o.b. N.Y. or works.lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works. ....lb. .018- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .09½- —
6, bbls., same basis.....lb. .06 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07¾- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis.....lb. .06½- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05¼- —
raw, American, bbls., works.lb. .02½- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¼- —
2, bbls., same basis.....lb. .10½- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¾- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .06¾- —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06¾- —
10, bbls., same basis.....lb. .05¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04¼- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .043⅝- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .09 - .10
Buchu leaves, bls.....lb. .77½- .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .06½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .13
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .06½- —
secondary, dms., c.l., f.o.b. dest..lb. .06¾- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .22½- .23¾
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. ...
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.54 - 1.59
Iodide, bots., jars.....lb. 3.75 - 3.80
Lithopone (see Yellow)
Metal, cs. .....lb. 1.05 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns. .....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .40 - .42
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .08½- —
dealers, E. of Rockies..lb. .08¾- —
South .....lb. .08¾- —
jobbers, E. of Rockies..lb. .09 - —
South .....lb. .09 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .09¾- —
jobbers, E. of Rockies..lb. .08¾- —
South .....lb. .09¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs dms., c.l., dlvd. ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.25
liquor basis 40%, tanks, works ton. 7.50 - —
solid dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25

Calcium gluconate, pharm., gran., powd., bbls. (125 lbs.).lb. .50 - —
25 lbs.....lb. .51 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.24.25-25.00 Nom.
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .62 - —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots..... .lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .60 - .65
Calomel, bxs., kgs.....lb. 1.08 - —
Camphor, natural, powd., cs..lb. .53½- .54½
slabs, cs. .....lb. .53½- .54½
tablets, tins .....lb. .57½- .58½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .48½- —
500 lbs. .....lb. .50¼- —
100 lbs. .....lb. .51¼- —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs. .....lb. .56 - —
100 lbs. .....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¾- .07
Morocco, bgs.....lb. .07¼- .07½
Turkish, bgs.....lb. .07¼- .07¾
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .15 - .16
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .08 - .08½
Carbazole, 70-80%, dms.....lb. .80 - —
90%, dms.....lb. .89 - —
96-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .55 - —
l.c.l., works.....lb. .84 - —
tanks, works.....lb. .52 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .05½
tanks .....lb. .04¼- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va... lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06¼- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08¼- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb higher.
Cardamom, bleached, cs.....lb. 1.30 - 1.50
decorticated, cs.....lb. 1.15 - 1.25
green, bgs.....lb. .92 - .95
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .11 - .12
Case-hardening mixture, 45% gran., dms., l.c.l.....lb. .11½- —
lump, dms., l.c.l.....lb. .10½- —
30%, lump, dms, l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. .....lb. .16½- .17½
5 tons, works.....lb. .17½- —
smaller lots, works.....lb. .18 - —
80-100 mesh, bgs, c.l., dlvd.. lb. .17 - .17½
5 tons, works.....lb. .18 - —
smaller lots, works.....lb. .19½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17½-.18 Nom.
Cassia, Batavia, 1, bgs.....lb. .13¾- .14¼
3, bls. .....lb. .07½- .08
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra, bls.....lb. .03¾- .04
Saigon, cs.....lb. .17½- .18
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .15 Nom.
Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls. .....lb. .22 - .23
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.16.00 - —
import, bgs., c.i.f., ports, shipment—ton.17.00 -18.00
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .20 - .20½
Indian, bgs .....lb. .13¼- .13¾
Celluloid scrap, amber, cs....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works. lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs, works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks

Black Haw—Codeine

Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y..bbl. 6.10 - —
truck dlvy.....bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .39 - —
kgs., works.....lb. .80 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .23 - .24
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.28.80 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l., works.....ton.18.00 - —
Willow, powd.,bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.25.00 - —
ex whse.....ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .06¼- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone, tins, works..lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .23 - —
50-lb. tins.....lb. .26 - —
USP, 650-lb. dms.....lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
Chloropicrin, comi., cyls., works. lb. .80 - .90
Chrome acetate, bbls.....lb. .55 - .68
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs.....lb. .35 - .45
quills, broken, bgs.....lb. .17 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., cns.oz. .50 - .87
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .53
Sulphate, cns.....oz. .34 - —
Cinocphen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.85 - 2.00
Cinnamon, Ceylon, 2 bls.....lb. .16¾- .17½
3, bls. .....lb. .15¾- .16¾
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes..lb. .87 - —
Citronellal, bots.....lb. 1.25 - 1.50
Citronellol, bots.....lb. 1.90 - 2.15
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls. .....lb. .15 - .15½
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .09
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd..lb. 1.42½- —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.68 - 1.70
Linoleate, paste, 6%, dms...lb. .31¼- —
solid, 8½%, bbls.....lb. .32½- —
Oleate, bbls.....lb. .36 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 - —
1%, bbls.....lb. .12¼- —
2%, bbls.....lb. .16¼- .17
3%, bbls.....lb. .17¼- .18
precip., dms., dlvd.....lb. .30½- —
Sulphate, dms.....lb. .51 - .53
Cocaine hydrochloride, cns....oz. 9.75 -10.60
Cochineal, gray, bgs.....lb. .83 - .96
Teneriffe, silver, bgs.....lb. .83 - .97
Cocillana bark, bgs.....lb. .20 - .21
Cocoa butter, lump, bgs. c.l..lb. .16 - .18¼
Codeine, cns., 100 ozs.....oz.11.70 -12.45
Hydrochloride, cns., 100 ozs..oz.10.50 -10.85
Phosphate, cns., 100 ozs....oz. 9.00 - 9.25
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55

Codliver Oil—Gasoline

Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vls.....oz.24.00 -25.00
Colchicum seed, bgs.....lb. .25 - .26
Collodion, USP, dms.....lb. .12 - .15
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .11 - .13
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .19 - .20
S.A., USP, cns.....lb. .21 - .22
Copper carbonate, 52-59%, bbls.lb. .14½- .16½
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .27 - .29
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09¾- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works.
lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works..
100 lbs. 1.25 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0270- .0275
Coriander seed, Morocco, bgs..lb. .05¾- .06¼
bleached, bgs.....lb. .08 - .08½
Russian, bgs.....lb. No stocks.
Corn sugar, tanner's, bbls., dlvd.
100 lbs. 3.78 - —
ex whse.....100 lbs. 3.68 - —
Syrup, 42°, bbls.....100 lbs. 3.70 - —
43°, bbls.....100 lbs. 3.80 - —
Cornstalk, ols.....lb. .07½- .08
Corrosive sublimate, bxs., flb. dms., kgs..lb. .81 - .96
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 25-30% potash, bulk, dlvd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .09 - .10
Cream tartar, cryst., bbls....lb. .17¼- .17½
kgs. .....lb. .17¾- .18
gran., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¾- .17½
powd., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¾- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .25 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works, gal. .12¾- .13½
II (coaltar solution), tanks, works..gal. .10 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .13 - .13½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33½- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis.lb. .36 - —
1 bbl., same basis.....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28½- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis.....lb. .33 - —
3% rotenone, bbls., 5 tons, same basis..lb. .24½- —
1 ton, same basis.....lb. .26 - —
1,000 lbs, same basis.lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .37 - .38
powd., cs.....lb. .40 - .41
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .11 - .11½
Indian, bgs.....lb. .11 - .11½
Morocco, bgs.....lb. .11¾ Nom.
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd.interior,NH_3.unit. 1.07½- —
Atlantic ports,NH_3.unit. 1.05 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .17 - .18
Deertongue leaves, bls.....lb. .10 - .12
Degras, common, dom., bbls., c.l., works..lb. .05¼- .05¾
l.c.l., works.....lb. .05¾- .06
English, bbls.....lb. .04¾- .05¼
Japanese, bbls.....lb. .06¾- .07
neutral, dom., bbls.....lb. .08½- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.....lb. .42 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis.lb. .40 - —
1 bbl., same basis....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.15 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.10 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.30 - —
Potato, import., bgs.....lb. .07¾- .08¼
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works. lb. .055 - —
l.c.l., works.....lb. .062 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
5-gal. dms., works.....lb. .23 - —
tanks, dlvd.....lb. .13 - —
Sulphide, dms., l.c.l., works lb. 1.10 - —
Diamylamine, dms., l.c.l., works lb. .75 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .033 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .025 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms..lb. .31½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylaniline, dms.....lb. .53 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .23 - .25
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .06½- .07
recleaned, bgs. .....lb. .06 - .06½
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .06½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.35.00 - —
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .15
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .85 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
26 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .50 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet....lb. 2.00 - 2.25
364 Paper yellow.....lb. .32 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF...lb. .65 - 1.00
561 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .28 - .30
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
358 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1080 Anthroquinone violet base..lb. 6.00 - —
690 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.80 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
340 Naphthol blue black S. lb. .50 - —
866 Nigrosin .....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
739 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
900 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
254 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
331 Bismarck brown G..lb. .52 - —
882 Bismarck brown R..lb. .37 - —
703 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.85 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .55 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.25 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
51 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .32 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
766 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .32 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .38 - —
Yellow:—
10 Naphthol yellow S..lb. .38 - —
188 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .17
Egg albumen (see Albumen)
Yolk dom., cs.....lb. .68 Nom.
import, cs.....lb. .50 - .52
Elder flowers, bright, bls.....lb. .16 - .17
dark bls.....lb. .15 - .16
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .09½- .10
powd., bbls., bxs.....lb. .16 - .17
select, sndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz.15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs.....lb. 1.65 Nom.
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .09 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Ethyl bromide, tech., dms....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.00
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylaniline, dms.....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0994
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .23
tanks, works.....lb. .18 - —
Ethylidinaniline, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .85 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .51 .52
Eucalyptus leaves, bls.....lb. .05 - .05¼
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -16.00
glass, 20 mesh, bulk, works.ton.11.00 -13.20
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs. lb. .07½- .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13
Fenugreek seed, bgs.....lb. .04½- .06
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .15
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 3.00&.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.42.00 -43.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. 2.00&.50Nom.
sardine, meal, Calif., 12-13% ammon., bgs., c.l.f. E. Cst. ports, unit-ton.3.25 & .10 Nom.
Japanese, 11½% ammon., bgs., c.l.f. ports, Aug. shipt..ton.38.50 - —
Flake white, bbls., kgs.....lb. .09¾- .10¼
Fleaseed, French, black, bgs..lb. .08 - .08½
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, enamel, 96-98%, bgs.. ton.30.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms, incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .28
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls .....lb. .09 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .0755- —
California, 56-58, 275 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05¼- —
60-62, 390 e.p., bulk, export. gal. .05¾- .05½
60-62, 400 e.p., bulk, export. gal. .05¾- —
64-66, 375 e.p., bulk, export gal. .05½- —
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60, 450 e.p., tanks...gal. .04½- .04¼
64-66, 375 e.p., tanks...gal. .03¾- .03¾
68-70, 350 e.p., tanks...gal. .04¾- .04¾

Gasoline, at refinery:—

Oklahoma-Texas, US motor, 62 octane and below, tanks	gal.	.04⅝- .04⅞
63-67 octane, tanks	gal.	.05½- .05⅝
68-70 octane, tanks	gal.	.05⅞- .06⅛
60-62, 400 e.p., tanks	gal.	.04⅞- .05
64-66, 375 e.p., tanks	gal.	.05⅜- .05½
natural, 12-lb. v.p., tanks	gal.	.05½- .05⅝
14-lb. v.p., tanks	gal.	.03½- —
18-lb. v.p., tanks	gal.	.03 - .03¼
22-lb. v.p., tanks	gal.	.02⅝- —
26-70-lb. v.p., tanks	gal.	.02⅜- .02½
Pennsylvania, US motor, tanks	gal.	.05⅞- —
52-54, 450 e.p., naphtha, tanks	gal.	.05¾- —
60-62, 400 e.p., strt. run, tanks	gal.	.06 - —

tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta	gal.	.205 .225
Boston	gal.	.14 .16
Chicago	gal.	.155 .175
Cincinnati	gal.	.175 .190
Denver	gal.	.19 .21
Louisville	gal.	.19 .21
Minneapolis	gal.	.164 .184
New Orleans	gal.	.185 .22
New York	gal.	.15 - .182
San Francisco	gal.	.17 .19

Gelatin, silver, cs.....lb. .50 - .55
Geisemium root, bls.....lb. .12 - .18
Gentian root, bls.....lb. .10½- .11
grd., bbls., bxs.....lb. .13½- .14
powd., bbls., bxs.....lb. .14 - .14½
Geraniol, cns.....lb. .75 - 3.00
Germany acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .14½- .14⅝
Cochin, lemon, bgs.....lb. .16½- .17
Jamaica, bold, bgs.....lb. .18 - .18½
grinding, bright, bgs.....lb. .13¾- .13⅞
medium, bold, bgs.....lb. .14 - .14½
Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over...100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over.....100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
import., bgs.....100 lbs. 1.05 - 1.85
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd.....lb. .11¼- —
28/58, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
38/82, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
48/108, bgs., c.l., dlvd.....lb. .13¼- —
l.c.l., dlvd.....lb. .13½- —
Hide, calcimine type, 53 millipoise, 125 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½- —
l.c.l., same basis..lb. .14 - —
60/164, bgs, c.l., same basis..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
67/192, bgs, c.l., same basis..lb. .16 - —
l.c.l., same basis.....lb. .16½- —
75/122, bgs, c.l., same basis..lb. .16½- —
l.c.l., same basis.....lb. .17 - —
83/291, bgs., c.l., same basis..lb. .17 - —
l.c.l., same basis.....lb. .17½- —
92/283, bgs., c.l., same basis..lb. .18 - —
l.c.l., same basis.....lb. .18½- —
102/315, bgs., c.l., same basis lb. .18½- —
l.c.l., same basis.....lb. .19 - —
113/347, bgs., c.l., same basis lb. .19¼- —
l.c.l., same basis.....lb. .20 - —
125/379, bgs, c.l., same basis lb. .20½- —
l.c.l., same basis.....lb. .21 - —

Glue prices for barrel packing, ¼c. lb. higher grinding charge, 20-40 mesh, ¼c. lb.; 60 mesh, 1c. lb.

Glycerin, C. P., cns., l.c.l.	lb.	.17½- .18½
dms., extra, c.l.	lb.	.15½- —
l.c.l.	lb.	.16 - .17
dynamite, dms., extra, c.l.	lb.	.15½- —
l.c.l.	lb.	.16 - —
saponification, basis 88%, dms. returnable, dlvd.	lb.	.14 - .15
soapiye, basis 80%, dms. returnable, dlvd.	lb.	.13 - .14
yellow, distilled, dms. extra, c.l.	lb.	.15⅜- —
l.c.l.	lb.	.15⅞- —
Glycol boriborate, dms.	lb.	.22 - —
Phthalate, dms.	lb.	.29 - —
Stearate, dms.	lb.	.23 - —
Gold, U.S. purchase price	oz.	35.00 - —
Chloride, acid, brown, bots.	oz.	21.75 -22.00
yellow, bots.	oz.	19.75 -20.00
Gold-soda chloride, photo., bots.	oz.	13.00 - —
USP IX, bots.	oz.	14.50 -14.75
Gold of pleasure seed, bgs.	lb.	.14 Nom.
Golden seal root, bls.	lb.	2.85 - 2.90
powd., bxs.	lb.	3.00 - 3.05
Grains of paradise, bgs.	lb	.08¾- .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.	lb.	.05 - —
bbls., c.l., works.	lb.	.05¼- —
l.c.l., works.	lb.	.05½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	lb.	.02½- —
bbls., c.l., works.	lb.	.02¾- —
l.c.l., works.	lb.	.03¼- —
80% graphitic carbon, bgs., c.l., works.	lb.	.03½- —
bbls., c.l., works.	lb.	.03¾- —
l.c.l., works.	lb.	.04½- —
Grease, house, trcs.	lb.	.05½- .05¾
white, trcs.	lb.	.05⅜- .07¾
yellow, trcs.	lb.	.05⅛- .05¼

Wool (see Adeps lanae and Degras)

Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis..lb. .21 - —
11-15%, bbls., same basis..lb. .22 - —
16-20%, bbls., same basis..lb. .23½- —
21-25%, bbls., same basis..lb. .22 - —
26-30%, bbls., same basis..lb. .23½- —
31-35%, bbls., same basis..lb. .24½- —
36-40%, bbls., same basis..lb. .26 - —
41-45%, bbls., same basis..lb. .27½- —
46-50%, bbls., same basis..lb. .29 - —
over 50%, bbls., same basis lb. .30 - —

Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

reduced C.P. color content up to 5%, bbls., same basis..lb. .05⅝- —
6-10%, bbls., same basis..lb. .06¼- —
11-13%, bbls., same basis..lb. .07 - —
14-16%, bbls., same basis..lb. .07¼- —

Green, chrome, reduced, C.P. color content, 17-19%, bbls., same basis..lb. .07½- —
20-21%, bbls., same basis..lb. .07¾- —
22-23%, bbls., same basis..lb. .08 - —
24-25%, bbls., same basis..lb. .08¼- —
26-27%, bbls., same basis..lb. .08½- —
28-29%, bbls., same basis..lb. .09 - —
30-31%, bbls., same basis..lb. .09¾- —
32-33%, bbls., same basis..lb. .11 - —
34-35%, bbls., same basis..lb. .12 - —
36-40%, bbls., same basis..lb. .14 - —
41-45%, bbls., same basis..lb. .16 - —
46-50%, bbls., same basis..lb. .16½- —
51-55%, bbls., same basis..lb. .17 - —
56-60%, bbls., same basis..lb. .17½- —
61-65%, bbls., same basis..lb. .18 - —
66-70%, bbls., same basis..lb. .19 - —
71-75%, bbls., same basis..lb. .20 - —

Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .18⅜
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N. Y..lb. .21 - —

Paris (see P)

Verdigris (see V)

Green dyes are listed under Dyes.

Grindelia robusta, bls.	lb.	.06½- .10
Guaiac resin, cs.	lb.	.85 - .90
strained, cs.	lb.	.95 - 1.00
Wood, bls.	lb.	.04 - .06
Guaiacol, liq., djns.	lb.	1.65 - 1.92
Carbonate, bxs., kgs.	lb.	2.15 - 2.40
Guarana, powd., cs.	lb.	.65 - .70
Gum, aloe (see A)		
Ammoniac, tears, cs.	lb.	.90 - .95
Arabic, amber sorts, cleaned, bgs..lb.		.09¾- .10
white, sorts, 1, bgs.	lb.	.27 - .28
2, bgs.	lb.	.25 - .26
powd., bbls.	lb.	.13 - .14

Asafetida (see A)

Asphaltum (see A)

Benzoin, Siam, cs.	lb.	1.15 - 1.65
Sumatra, cs.	lb.	.16 - .17

Camphor (see C)

Chicle, bgs.	lb.	.35 - .40

Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .42½- —

Copal, dammar, elemi, kauri, manila, sandarac, and yacca gums prices (30,000 lbs. min.) apply to assorted lots of gums as well as one grading. ... prices are ½c. higher for 10 bgs or over; ½c. higher for 1-9 bgs.

2, cloudy white, bgs., c.l., same basis..lb.	.26½-	—
3, selected pale straw bold, bgs., c.l., same basis..lb.	.19¼-	—
4, pale bold straw, bgs., c.l., same basis..lb.	.17½-	—
5, pale straw bold, bgs., c.l., same basis..lb.	.14½-	—
6, pale amber bold, bgs, c.l., same basis..lb.	.12¼-	—
7, pale straw bold, bgs., c.l., same basis..lb.	.14¼-	—
8, light amber bold, bgs., c.l., same basis..lb.	.11¼-	—
9, medium light amber bold, bgs., c.l., same basis..lb.	.09 -	—
10, rescraped hard amber bold, bgs., c.l., same basis lb.	.09⅞-	—
11, hard dark amber bold, bgs., c.l., same basis..lb.	.07¼-	—
12, selected bold sorts, bgs., c.l., same basis..lb.	.06¼-	—
13, dark sorts bold, bgs., c.l., same basis..lb.	.05⅞-	—
14, selected, fully scraped ivory, bgs., c.l., same basis..lb.	.12¼-	—
15, ordinary ivory sorts, bgs., c.l., same basis..lb.	.06⅞-	—
16, inferior ivory sorts, bgs., c.l., same basis..lb.	.05¼-	—
17, pale fingers, bgs., c.l., same basis..lb.	.16½-	—
18, pale straw nubs, bgs., c.l., same basis..lb.	.11¼-	—
19, pale straw nubs, bgs., c.l., same basis..lb.	.10⅝-	—
20, hard dark amber nubs, bgs, c.l., same basis..lb.	.06½-	—
21, ordinary selected nubs, c.l., same basis..lb.	.05¾-	—
22, small mixed nubs, bgs., c.l., same basis..lb.	.05⅝-	—
23, dark mixed nubs, bgs., c.l., same basis..lb.	.05⅜-	—
24, No. 1, ivory nubs, bgs., c.l., same basis..lb.	.13 -	—
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb.	.05¾-	—
26, pale bold chips, bgs., c.l., same basis..lb.	.06 -	—
27, pale small chips, bgs., c.l., same basis..lb.	.05½-	—
28, pale dust, bgs., c.l., bgs., same basis..lb.	.04¾-	—
East India, Batu, bold scraped, bgs., c.l., same basis..lb.	.05½-	-
unscraped, bgs., c.l., same basis..lb.	.04 -	-
chips, bgs., c.l., same basis lb.	.05⅜-	—
dust, bgs., c.l., same basis..lb.	.05⅜-	—
nubs and chips, bgs., c.l., same basis..lb.	.05⅜	-
black, bold, scraped, bgs., c.l., same basis..lb.	.07¼-	—
unscraped, bgs., c.l., same basis..lb.	.04½-	—
nubs and chips, bgs., c.l., same basis..lb.	.04¾-	—
Hiroe Macassar, pale, bold, ogs, c.l., same basis..lb.	.12⅝-	—
chips, bgs., c.l., same basis..lb.	.06½-	—
dust, bgs., c.l., same basis lb.	.05⅜-	—
nubs, bgs., c.l., same basis..lb.	.11¼-	—
Singapore Rawak, bold, bgs., c.l., same basis..lb.	.15½-	—
chips, bgs., c.l., same basis lb.	.04⅝-	—
dust, bgs., c.l., same basis..lb.	.03⅝-	—
nubs, bgs., c.l., same basis..lb.	.10⅜-	—
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb.	.14 -	—
light, bskts., c.l., same basis..lb.	.18½-	—
Ioba A, bskts., c.l., same basis..lb.	.12 -	—
B, bskts., c.l., same basis..lb.	.10¼-	—
C, bskts., c.l., same basis..lb.	.09⅞-	—
CNE, bskts., c.l., same basis..lb.	.06¾-	—
D, bskts., c.l., same basis..lb.	.09½-	—
DK, bskts., c.l., same basis lb.	.06¾-	—
DU, bskts., c.l., same basis lb.	.08⅜-	—
dust, bskts., c.l., same basis lb.	.05½-	—

Gum, copal, Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .12¼- —

Singapore, dust, bskts., c.l., same basis..lb.	.05¾-	—
spirit-soluble, CBB, bskts., c.l., same basis..lb.	.08½-	—
DBB, bskts., c.l., same basis lb.	.08 -	—
M.A, bskts., c.l., same basis lb.	.06⅞-	—
MB, bskts., c.l., same basis lb.	.06⅝-	—
WS, bskts., c.l., same basis lb.	.09¼-	—
Philippine Manila, amber sorts, bskts., c.l., same basis..lb.	.07½-	—
chips, pale, bskts., c.l., same basis..lb.	.08¼-	—
small, bskts., c.l., same basis..lb.	.07½-	—
extra pale sorts, bskts., c.l., same basis..lb.	.09½-	—
nubs, bskts., c.l., same basis lb.	.10⅜-	—
pale, scraped, bskts., c.l., same basis..lb.	.11¾-	—
seeds and dust, bskts., c.l., same basis..lb.	.06⅝-	—
Pontianak, bold, genuine, bgs., c.l., same basis..lb.	.14¼-	—
mixed, bgs., c.l., same basis lb.	.13¼-	—
chips, bgs., c.l., same basis..lb.	.07⅜-	—
nubs, bgs., c.l., same basis..lb.	.10¼-	—
split, bgs., c.l., same basis..lb.	.12⅞-	—
Dammar, Batavia A, cs., c.l., same basis as copal..lb.	.21⅜-	—
A/D, cs., c.l., same basis..lb.	.16¼-	—
A/E, cs., c.l., same basis..lb.	.13½-	—
B, cs., c.l., same basis..lb.	.20⅜-	—
C, cs., c.l., same basis..lb.	.16⅜-	—
D, cs., c.l., same basis..lb.	.14¼-	—
dust, cs., c.l., same basis..lb.	.06⅜-	—
E, cs., c.l., same basis..lb.	.06⅝-	—
F, cs., c.l., same basis..lb.	.06⅜-	—
Singapore 1, cs., c.l., same basis lb.	.16¼-	—
2, cs., c.l., same basis..lb.	.15⅜-	—
3, cs., c.l., same basis..lb.	.06¼-	—
chips, cs., c.l., same basis..lb.	.09⅜-	—
dust, cs., c.l., same basis..lb.	.04¾-	—
seeds, cs., c.l., same basis..lb.	.07⅜-	—
Elemi, cns., c.l., same basis as copal..lb.	.09¾-	—
Ester, dms., 75,000 lbs. or over, dlvd..lb.	.07⅜-	—
10,000-74,999 lbs., dlvd..lb.	.07⅝-	—
3,000-9,999 lbs., dlvd..lb.	.08⅛-	—
less than 3,000 lbs., dlvd..lb.	.08⅜-	—
Euphorbium, cs.	lb.	.18 - .20
Galbanum, cs.	lb.	.95 - 1.00
Gamboge, pipe, cs.	lb.	.58 - .59
powd., bbls.	lb.	.65 - .66
Ghatti, soluble, bgs.	lb.	.11 - .15
superior, bgs.	lb.	.09 - .11
Guaiac (see Guaiac resin).		
Karaya, XXX, bbls., bxs., dms.	lb.	.24 - .25
XX, bbls., bxs., dms.	lb.	.16 - .17
1, bbls., bxs., dms.	lb.	.09½- .10
2, bbls., bxs., dms.	lb.	.08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb.	.60 - —	
BX, cs., c.l., same basis..lb.	.53 - —	
B1, cs., c.l., same basis..lb.	.21 - —	
B2, cs., c.l., same basis..lb.	.15½- —	
B3, cs., c.l., same basis..lb.	.12 - —	
80% chips, cs., c.l., same basis..lb.	.09½- —	
pale, XXX, cs., c.l., same basis..lb.	.65 - —	
1, cs., c.l., same basis..lb.	.40 - —	
2, cs., c.l., same basis..lb.	.22 - —	
3, cs., c.l., same basis..lb.	.15 - —	
Kino, tins.	lb.	.70 - .80
Mastic, cs., c.l., same basis as copal..lb.	.57 - .58	
Myrrh, USP, cs.	lb.	.35 - .40
Olibanum, siftings, cs.	lb.	.07 - .08
tears, cs.	lb.	.12 - .26

Opium (see O)

Rosin (see R)

Sandarac, osks., c.l., same basis as copal..lb.	.22 - .22½	
Scammony, cs.	lb.	1.15 - 1.25
Senegal, picked, bgs.	lb.	.20 - .21
sorts, bgs.	lb.	.11½- .12½
Talha, bgs.	lb.	.05 - .06
Thus, bbls.	280 lbs.	11.00 - —
strained, bbls.	280 lbs.	11.00 - —
Tragacanth, Aleppo, 1, cs.	lb.	1.75 - 1.80
2, cs.	lb.	1.65 - 1.70
3, cs.	lb.	1.50 - 1.55
4, cs.	lb.	1.40 - 1.45
5, cs.	lb.	1.30 - 1.35
6, bgs.	lb.	.30 - .31
Yacca, bgs., c.l., same basis as copal..lb.	.03½- —	
powd., bgs., c.l., same basis lb.	.04½- —	

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. eqald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Pinsteroo, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.	lb.	2.60 - 2.80
Hellebore, white, root, powd., bbls.	lb.	.10½- .11
Helonias root, bls.	lb.	.26 - .28
Hematine crystals, bbls.	lb.	.16 - .24
Hemlock extract, 25% tan., bbls.	lb.	.06½- —
tanks	lb.	.02¾- —
Hempseed, Manchur, bgs.	lb.	.03¾- .04½
Henbane leaves, bls.	lb.	.22 - .23
Henna leaves, bls.	lb.	.07 - .08
powd., bbls, bxs.	lb.	.09 - .10

Gasoline—Kerosene

Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal.	.13 - —	
l.c.l., Group 3.....gal.	.15 - —	
tanks, Group 3.....gal.	.09 - —	
normal, 86-100°C., dms, c.l., Group 3..gal.	.15 - —	
l.c.l., Group 3.....gal.	.17 - —	
tanks, Group 3.....gal.	.10 - —	
Hexalin, dms.	lb.	.30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal.	.15 - —	
l.c.l., Group 3.....gal.	.17 - —	
tanks, Group 3.....gal.	.12 - —	
laboratory grade, dms., c.l., Group 3..gal.	.19 - —	
l.c.l., Group 3.....gal.	.25 - —	
Hexamethylenetetramine, tech., dms..lb.	.35 - .37	
USP, dms., 1,000 lbs.	lb.	.46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb.	.125 - —	
l.c.l., f.o.b. dest.	lb.	.13 - —
tanks, f.o.b. dest.	lb.	.115 - —
Homatropine hydrobromide, bots., vls..os.	13.00	-13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton.	2.70	- 2.75
Hops, dom., 1934 crop, bls.	lb.	.25 - .30
1935 crop, bls.	lb.	.30 - .40
import., 1935 crop, bls.	lb.	.60 - .80
1935 crop, bls.	lb.	.55 - .65
Horehound, bls.	lb.	.06½- .07
Hydrangea root, bls.	lb.	.08 - .09
Hydrastine, vls.	os.	11.00 -11.50
Hydrochloride, vls.	os.	11.00 -11.50
Sulphate, vls.	os.	13.00 -13.50
Hydrastis (see Golden seal).		
Hydrogen peroxide, USP, bbls.	lb.	.08¾- .04
100 vols., cbys., U.of Miss.R.lb.	.20 - —	
W. of Miss. R.	lb.	.21 - —
Hydroquinone, bbls., kgs.	lb.	1.10 - 1.15
Hyosine hydrobromide, vls.	os.	13.00 -13.25
Hyoscyamine, vls.	os.	15.00 - —
Hydrobromide, vls.	os.	15.00 - —
Sulphate, vls.	os.	15.00 - —
Hypernic, liq., 51°, bbls.	lb.	.15 - .20
solid, bxs.	lb.	.17 - .20

I

Iceland moss, bls.	lb.	.12 - .13
Ichthyol, bots.	lb.	4.00 - 4.25
Indian red (see Red, Indian).		
Indigo, nat., Bengal, bbls.	lb.	2.40 - —
synth., liq., bbls.	lb.	.13 - .14
powd., bbls.	lb.	1.00 - —
Indol, CP, bots.	lb.	34.00 -36.00
Insect flowers (see Pyrethrum).		
Iodine, crude, kgs.	lb.	.90 - —
resubl., kgs.	lb.	1.50 - 1.55
tincture, bbls.	gal.	1.90 - —
Iodoform, kgs., 100 lbs.	lb.	3.75 - 3.80
Ionone, bots.	lb.	3.25 - 4.00
Ipecac root, bgs.	lb.	.82 - .85
powd., bxs.	lb.	.87 - .90
Irish moss, ordinary, bls.	lb.	.11 - .12
powd., 80-90 mesh, bbls.	lb.	.22 - .30
prime, bleached, bls.	lb.	.18 - .19
Iron acetate, CP, 17% solut., bbls.	lb.	.03 - .04
Chloride, tech., cryst., bbls., kgs.	lb.	.05 - .06
USP, cryst., bbls.	lb.	.07½- .08
solut., cbys.	lb.	.06¼- .06½
Citrate, USP VIII, pearls, cns., lb.	.72 - —	
powd., cns.	lb.	.84 - —
scales, cns.	lb.	.77 - —
Hypophosphite, cns.	lb.	1.85 - 1.90
Iodide, bots.	lb.	2.85 - 2.90
syrup, djns.	lb.	.37 - .38
Nitrate, comi., kgs.	lb.	.03¾- .05
Oxalate, powd., kgs.	lb.	.47 - .50
scales, cns.	lb.	.33 - .35
Oxide (see Black, Red, etc.).		
Phosphate, ferric, pearls, cns.	lb.	.54 - —
scales, cns.	lb.	.59 - —
Ferrous, cns.	lb.	.35 - —
Pyrophosphate, pearls, cns.	lb.	.59 - —
scales, cns.	lb.	.64 - —
Reduced, 90%, cs.	lb.	.60 - .65
Sulphate, tech. (see Copperas).		
USP, cryst., bbls.	lb.	.04¼- .04½
Iron-ammonia citrate, brown, gran., cns.	lb.	.39 - .40
pearls, cns.	lb.	.39 - .40
scales, cns.	lb.	.49 - .50
green, gran., cns.	lb.	.39 - .40
pearls, cns.	lb.	.39 - .40
scales, cns.	lb.	.49 - .50
Oxalate, cryst., bbls., kgs.	lb.	.24½- .25¼
Iron-potash oxalate, cryst., bbls., kgs.	lb.	.42 - .43
Iron-soda oxalate, cryst., bbls., kgs.	lb.	.24½- .25¼
Isobutyl carbinol (see Carbinol).		
Isopentane, dms., works.	lb.	.48 - —
small lots, works.	lb.	.58 - —
Isopropanal, see Alcohol, isopropyl.		
Isopropyl acetate, dms., c.l., frt. alld.	lb.	.07 - —
..c.l., frt. alld.	lb.	.07½- —
tanks, frt. alld.	lb.	.06 - —
Alcohol (see Alcohol).		
Ether, dms., c.l.	lb.	.07 - —
l.c.l.	lb.	.08 - —
tanks	lb.	.06 - —

J

Jaborandi leaves, bls.	lb.	.10 - .11
Jalap root, NF, bls.	lb.	.17 - .20
powd., bbls., bxs.	lb.	.21 - .24
Juniper berries, bgs.	lb.	.04¾- .05⅛

K

Kamala, tins.	lb.	.24 - .25
Kava kava root, bls.	lb.	.14 - .16

Kerosene, at refinery:—

Bayonne, 41-43 w.w., tanks.	gal.	.04⅜- —
Gulf ports, p.w., bulk, export.	gal.	.03⅝- —
w.w., bulk, export.	gal.	.04⅜- .04½
Louisiana - Arkansas, 41-43 w.w., bulk.	gal.	.03⅜- —
Oklahoma-Texas, 41-43 w.w., tanks.	gal.	.05¼- .04
42-44 w.w., tanks.	gal.	.03⅜- .04
Pennsylvania, 45 w.w., tanks, gal.		.04⅞- .05
46 w.w., tanks.	gal.	.05 - .05⅛

Kerosene—Linseed Meal

Kerosene, tankwagon:—

Atlanta	gal.	.125 -	—
Boston	gal.	.075 -	—
Chicago	gal.	.096 -	—
Cincinnati	gal.	.125 -	—
Denver	gal.	.11 -	—
Louisville	gal.	.10 -	—
Minneapolis	gal.	.102 -	—
New Orleans	gal.	.12 -	—
New York	gal.	.07¼-	—
San Francisco	gal.	.116 -	—

Kerosene distillate (see Oil, furnace).

Kieserite, calc., 86-90% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs	lb.	.05½-	.06

L

Lady slipper root, bls	lb.	.30 -	.32
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	11.50	-11.75
Middlewestern, trcs	100 lbs.	11.65	-11.75
Western, choice, trcs	100 lbs.	11.75	-11.85
compound, trcs	100 lbs.	12.00	-12.50
neutral, trcs	100 lbs.	12.25	-12.50
Larkspur seed, bgs	lb.	.20 -	.22
Laurel berries, bls	lb.	.09 -	.10
Leaves, Ital., bls	lb.	.04¾-	.05
Lavender flowers, ordinary, bls.	lb.	.40 -	.42
select, bls	lb.	.80 -	.90
Lead acetate, brown, broken, bbls.	lb.	.09½-	—
white, broken, bbls	lb.	.11 -	—
cryst, bbls	lb.	.10½-	—
gran., bbls	lb.	.11 -	—
powd., bbls	lb.	.11¼-	—
Lead Arsenate, dms., c.l., dealers, E. of Rockies	lb.	.09¼-	—
jobbers, E. of Rockies	lb.	.09 -	—
W. of Rockies	lb.	.09 -	—
l.c.l., consumers, W. of Rockies	lb.	.10¾-	—
dealers, E of Rockies, 1,000 lbs. or over	lb.	.09¾-	—
101-999 lbs	lb.	.10¾-	—
100 lbs. or less	lb.	.11¾-	—
W. of Rockies	lb.	.09¾-	—
jobbers, E. of Rockies	lb.	.09¾-	—
Lead arsenate prices are works or whse. basis, frt. alld. to. dest. in lots of 96 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.			
Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06 -	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06¼-	—
l.c.l., dlvd. E.	lb.	.06¾-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06½-	—
Carbonate (see Lead, white).			
Chloride, pure, bxs	lb.	.40 -	.50
Iodide, jars	lb.	2.35 -	2.40
Linoleate, pale, precip., dms.	lb.	.18 -	—
Metal (see daily quotations in market report)			
Nitrate, bbls	lb.	.09 -	.09½
Oleate, bbls	lb.	.15 -	—
Peroxide, cns., works	lb.	.46 -	.47
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0735-	—
other points	lb.	.0710-	—
Lead, red, dry, 95% bbls., l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07¾-	—
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash.	lb.	.08¼-	—
Colo., Mont., N. Mex., Wyo.	lb.	.08 -	—
other points	lb.	.07½-	—
smaller lots, dlvd. Ala., etc.	lb.	.08¼-	—
Ariz., etc.	lb.	.08¾-	—
Colo., etc.	lb.	.08½-	—
other points	lb.	.08 -	—
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.0760-	—
other points	lb.	.0735-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.08 -	—
Ariz., etc.	lb.	.08½-	—
Colo., etc.	lb.	.08½-	—
other points	lb.	.07¾-	—
smaller lots, dlvd. Ala., etc.	lb.	.08½-	—
Ariz., etc.	lb.	.09 -	—
Colo., etc.	lb.	.08¾-	—
other points	lb.	.08½-	—
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.0785-	—
other points	lb.	.0760-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.08¼-	—
Ariz., etc.	lb.	.08¾-	—
Colo., etc.	lb.	.08½-	—
other points	lb.	.08 -	—
smaller lots, dlvd. Ala., etc.	lb.	.08¾-	—
Ariz., etc.	lb.	.09 -	—
Colo., etc.	lb.	.08¾-	—
other points	lb.	.08½-	—
Lead, red, in oil, steel kgs., 1,000 lbs.	lb.	.10½-	—
500 lbs.	lb.	.11 -	—
smaller lots	lb.	.12 -	—
Resinate, fused, bbls	lb.	.09 -	.10
precip., bbls	lb.	.14 -	—
Stearate, bbls	lb.	.22 -	.28
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal	lb.	.10 -	—
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctgs paid E. of Rockies	lb.	.10½-	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.06¾-	-
other points	lb.	.06½-	-
l.c.l. dlvd. Ariz., etc.	lb.	.07 -	-
other points	lb.	.06¾-	-
Basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06½-	—
other points	lb.	.06 -	—
l.c.l. dlvd. Ariz., etc.	lb.	.06½-	—
other points	lb.	.06¼-	—
in oil, 100-lb. kgs., 1,000 lbs., dlvd.	lb.	.10 -	—
500 lbs., dlvd.	lb.	.10½-	—
smaller lots, dlvd.	lb.	.11¼-	—
Lemon peel, bls	lb.	.09 -	.10
Licorice extract, mass, cs	lb.	.17 -	.18
powd., bbls	lb.	.27 -	.28
Root, bls	lb.	.04½-	.05
powd., bbls., bxs	lb.	.07 -	.08
select, bndls., cs	lb.	.17 -	.19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa.	ton.	7.00 -	—
Berkeley, W. Va.	ton.	7.00 -	—
California, northern.	ton.	12.25 -	—
southern	ton.	11.25 -	—
Cedar Hollow, Pa.	ton.	8.00 -	—
Chicago	ton.	7.25 -	—
Crab Orchard, Tenn.	ton.	6.25 -	—
Dallas, Texas	ton.	8.50 -	—
Durbin, Ohio	ton.	6.50 -	—
Eagle Mountain, Va.	ton.	6.25 -	—
Easton, La.	ton.	7.00 -	—
Farnams, Mass.	ton.	7.50 -	—
Gibsonburg, Ohio.	ton.	7.00 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	7.00 -	—
Knoxville, Tenn.	ton.	6.25 -	—
Leroy, Minn.	ton.	8.00 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	7.00 -	—
Marble Cliff, Ohio.	ton.	6.50 -	—
Marblehead, Ohio.	ton.	7.00 -	—
Martinsburg, W. Va.	ton.	7.00 -	—
Menominee, Mich.	ton.	7.50 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.25 -	—
Petosky, Mich.	ton.	8.00 -	—
Port Island, Mich.	ton.	7.50 -	—
Ripplemead, Va.	ton.	6.25 -	—
Riverton, Va.	ton.	6.25 -	—
Scioto, Ohio	ton.	6.00 -	—
Sheboygan, Wis.	ton.	7.00 -	—
Sherwood, Wis.	ton.	7.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio	ton.	7.00 -	—
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa.	ton.	8.50 -	—
Berkeley, W. Va.	ton.	8.50 -	—
Buffalo	ton.	11.00 -	—
California, northern.	ton.	14.75 -	—
southern	ton.	13.75 -	—
Cedar Hallow, Pa.	ton.	8.50 -	—
Chicago	ton.	9.50 -	—
Crab Orchard, Tenn.	ton.	9.00 -	—
Dallas, Tex.	ton.	12.00 -	—
Durbin, Ohio	ton.	8.00 -	—
Eagle Mountain, Va.	ton.	8.50 -	—
Easton, La.	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	8.50 -	—
Hannibal, Mo.	ton.	8.50 -	—
Keystone, Ala.	ton.	9.00 -	—
Knoxville, Tenn.	ton.	9.00 -	—
Limedale, Ark.	ton.	9.00 -	—
Longview, Ala.	ton.	9.00 -	—
Louisville, Ky.	ton.	14.50 -	—
Marble Cliff, Ohio.	ton.	8.00 -	—
Marblehead, Ohio.	ton.	9.00 -	—
Martinsburg, W. Va.	ton.	8.50 -	—
Milltown, Ind.	ton.	12.50 -	—
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.00 -	—
Pelham, Ala.	ton.	9.00 -	—
Petosky, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. D.	ton.	12.00 -	—
Ripplemead, Va.	ton.	8.00 -	—
Riverton, Va.	ton.	9.00 -	—
Scioto, Ohio	ton.	8.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Siluria, Ala.	ton.	9.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio	ton.	8.50 -	—
spray, paper bgs, f.o.b. Bellefonte, Pa.	ton.	9.00 -	—
Durbin, Ohio	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	11.00 -	—
Marble Cliff, Ohio.	ton.	11.00 -	—
Marblehead, Ohio.	ton.	11.00 -	—
Mitchell, Ind.	ton.	9.00 -	—
Scioto, Ohio	ton.	9.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Woodville, Ohio	ton.	11.00 -	—
Salts (see Calcium)			
Lime-sulphur, dry, bgs., consumer, dlvd. Ore.	lb.	.06¼-	.06½
Idaho, Utah, and W. Mont.	lb.	.07¼-	.07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)	lb.	.06½-	.06¾
dealers, dlvd. E. of Rockies, except Fla.	lb.	.07¾-	.08½
Ore.	lb.	.05¾-	—
Idaho, etc.	lb.	.06¾-	—
Wash. (as above)	lb.	.06 -	—
jobbers, dlvd. E. of Rockies, except Fla.	lb.	.07¼-	.08¼
Ore.	lb.	.06¾-	—
Idaho, etc.	lb.	.06¾-	—
Wash. (as above)	lb.	.05¾-	—
dms., dealers, dlvd. E. of Rockies, except Fla.	lb.	.11 -	.12
Fla.	100 lbs.	1.90 -	2.00
jobbers, dlvd. E. of Rockies, except Fla.	lb.	.10½-	—
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis.	gal.	.13 -	.16
jobbers, same basis	gal.	.12½-	.16
tanks, 4,000 gals. min., dealers, dlvd. Del., etc.	gal.	.11 -	—
jobbers, same basis	gal.	.10½-	—
Linalool, cns	lb.	1.90 -	2.10
Linalyl acetate, bots	lb.	1.50 -	2.25
linden flowers, with leaves, bls.	lb.	.16 -	.17
without leaves, bls	lb.	.18 -	.19
Linseed cake, bgs., export.	ton.	28.00 -	—
Meal, 32%, com., bgs.	ton.	40.00 -	—

HIGH quality and right price have made Exchange Brand Oil of Lemon, U. S. P., the unquestioned sales leader in the United States. Last year Exchange Brand outsold all other brands combined by more than three to one!

It is made in the world's largest plant devoted exclusively to lemon products. Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

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Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
other points.....lb. .06¾- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —

Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75

Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. B. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis.lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis.lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb. No prices

Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10½
solid, bxs.....lb. .15½- .17¾
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .26 - .35
Lupulin, N.F., tins.....lb. 1.25 - 1.30
Lycopodium, cs.....lb. 1.85 - 1.90

M

Mace, Banda, cs.....lb. .58 - .60
Batavia, cs.....lb. .43 - .45
Siauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .23 - —
1-lb. pkgs., same basis.lb. .25 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .25 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis..lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .06½- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .38 - .40
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .15
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.40.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans, 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .60 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .12 - .12½
solid, precip., 6.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 8½%, bbls..lb. .06¾- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 66% $MnSO_4$, bbls., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works..lb. .05½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt., ton.26.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .50 - .55
small cs.....lb. .28 - .29
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .21 - .21½
Tunisan, bls.....lb. .20½- .21
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.20 - 3.30
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.69 - —
Mercury and chalk, kgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves). aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3¾x3¾ in.pkg.14.50 -15.00
3¾x3¾ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5⅞ in.....pkg.21.50 -22.00
3¾x5⅞ in.....pkg.23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75
Metanitroaniliin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. allo. or dlvd..gal. .44½- —
3, frt. allo. or dlvd..gal. .43 - —
4, frt. allo. or dlvd..gal. .58 - —
5, frt. allo. or dlvd..gal. .49½- —
tanks, Zone 1, frt. allo.gal. .33 - —
2, frt. allo.....gal. .34½- —
3, frt. allo.....gal. .36½- —
4, frt. allo.....gal. .36½- —
5, frt. allo.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. allo..gal. .36½- —
2, frt. allo.....gal. .40½- —
3, frt. allo.....gal. .41½- —
4, frt. allo.....gal. .43½- —
5, frt. allo.....gal. .43½- —
l.c.l, Zone 1, frt. allo. or dlvd..gal. .41 - —
2, frt. allo. or dlvd..gal. .45½- —
3, frt. allo. or dlvd..gal. .44 - —
4, frt. allo. or dlvd..gal. .59 - —
5, frt. allo. or dlvd..gal. .50½- —
tanks, Zone 1, frt. allo..gal. .34 - —
2, frt. allo.....gal. .35½- —
3, frt. allo.....gal. .37½- —
4, frt. allo.....gal. .37½- —
5, frt. allo.....gal. .37½- —
pure, dms, c.l., Zone 1, frt. allo..gal. .40 - —
2, frt. allo.....gal. .42 - —
3, frt. allo.....gal. .43 - —
5, frt. allo.....gal. .45½- —
5, frt. allo.....gal. .45 - —
l.c.l., Zone 1, frt. allo. or dlvd..gal. .42½- —
2, frt. allo. or dlvd..gal. .47 - —
3, frt. allo. or dlvd..gal. .45½- —
4, frt. allo. or dlvd..gal. .61 - —
5, frt. allo. or dlvd..gal. .52 - —
tanks, Zone 1, frt. allo..gal. .35½- —
2, frt. allo.....gal. .37 - —
3, frt. allo.....gal. .39 - —
4, frt. allo.....gal. .39 - —
5, frt. allo.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 99%, dms., c.l.; frt. allo. E. of Rockies..lb. .10 - —
W. of Rockies.....lb. .15½- —
l.c.l., frt. allo. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
89%, dms., c.l., frt. allo. E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. allo. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. allo..lb. .37 - —
Methyl, Acetone, dms., c.l., contracts, zone 1, frt. allo..lb. .45½- —
2, frt. allo.....gal. .47½- —
3, frt. allo.....gal. .48½- —
4, frt. allo.....gal. .51 - —
5, frt. allo.....gal. .50½- —
l.c.l., Zone 1, frt. allo. or dlvd..gal. .48 - —
2, frt. allo. or dlvd....gal. .52½- —
3, frt. allo. or dlvd....gal. .51 - —
4, frt. allo. or dlvd....gal. .65½- —
5, frt. allo. or dlvd....gal. .53½- —
tanks, contracts, Zone 1, frt., allo..gal. .41 - —
2, frt. allo.....gal. .42½- —
3, frt. allo.....gal. .44½- —
4, frt. allo.....gal. .44½- —
5, frt. allo.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. allo. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. allo. E. of Rockies..gal. .55 - —
2, frt. allo. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. allo. E. of Rockies..gal. .48 - —
2, frt. allo. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cylrs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .48
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .75 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment,120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis...ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
200 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.25.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.32.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.00 -30.00
l.c.l., works.....ton.29.00 -37.50
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. allo. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l.....lb. .10¾- —
spray, bbls., c.l.....lb. .10½- —
l.c.l.....lb. .11½- —
unskimmed, roller, bbls.,c.l...lb. .19 - .20
l.c.l.....lb. .20 - .21
spray, bbls., c.l.....lb. .19 - .20
l.c.l.....lb. .20 - .21
Millet seed, bgs.....lb. .03 - .03¼
hulled, bgs.....lb. .05 - .05½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .06 - .06½
Molybdenum metal, 99%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniliin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 9.80 - 9.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 9.70 - 9.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. 1.00 - 1.05
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .06¾- .06¾
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. .06¾- .07¼
Chinese, yellow, bgs.....lb. .05¼- .05¾
Dutch, yellow, bgs.....lb. .09¼- .09¾
English, yellow, bgs.....lb. .06¾- .09¼
Hungarian, yellow, bgs....lb. .07¼- .07¾
Montana, brown, bgs.....lb. .07¼- .07¾
yellow, bgs.....lb. .06¾- .06½
Roumanian, yellow, bgs...lb. .05¼- .05½
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.22.00 - —
J2, bgs., shipt.....ton.15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25%, bbls....lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).

Litharge—Castor Oil

Naphthalene, crude, dom., bgs., works..100 lbs. 3.00-3.50- Nom.
import., 74-78%, bgs., c.l.f. Atlantic ports..100 lbs. 2.95 - 3.50
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ⅛c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 80c. per 100 lbs. higher.
Neroiin, cryst., cns.....lb. 1.27 - 1.35
Nickel carbonate, bbls.....lb. .38 - —
Chloride, bbls.....lb. .18 - .19¼
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .36
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06¼
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l.....lb. .11 - —
tanks.....lb. .08½- —
Nitrocellulose, alcohol-soluble, ⅛, 15-20, 30-40, sec. vis., bbls., c.l., works..lb. .29½- —
l.c.l., 20-49, works.....lb. .30 - —
1-19, works.....lb. .31 - —
bronzing, 20, 40, 70 sec. vis., bbls., c.l., works..lb. .31½- —
l.c.l., 20-49, works.....lb. .32 - —
1-19, works.....lb. .33 - —
Nitrocellulose, ester-soluble, ¼-½, ⅝, 15-20 sec. and higher vis., bbls, c.l., works.....lb. .27½- —
l.c.l., 20-49, works.....lb. .28 - —
1-19, works.....lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works..lb. .33½- —
l.c.l., 20-49, works.....lb. .33 - —
1-19, works.....lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. .96 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Sept./Dec., shpt., unit-ton. 2.10 - —
Chemical, Ill., Summer shipt..unit-ton. 2.30 - —
East Coast producing points..unit-ton. 2.40 - 2.50
import., bgs., c.l.f. Atlantic ports, Aug/Dec. shipt., unit-ton. 2.40 - —
Nitronaphthalene, bbls.....lb. .34 - .36
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .17 - .17½
West Indian, bgs.....lb. .14¼- .14½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .06½- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .19 - —
l.c.l., G.S.....gal. .25 - —
tanks, G.S.....gal. .22 - —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.25 - 2.75
Sweet, true, exp., cns.....lb. .56 - .57
Amber, crude, cns.....lb. .30 - .31
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 2.70 - 2.80
Angelica root, bots.....lb.84.00 -90.00
Seed, bots.....lb.72.00 -160.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .40 - .52
Apricot kernel, dom., dms., frt. allo..lb. .23½- .23
spot.....lb. .26 - .29
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .07¼- —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.80
natural, coppers.....lb. 2.20 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .15
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.85
Cayenne, cns.....lb. 2.25 - 2.85
Cade, USP, cns.....lb. .20 - .22
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 3.00 - 3.25
Camphor, sassafrassy, cns..lb. .15 - .15½
dms.....lb. .13½- .14
white, cns.....lb. .16 - .16½
dms.....lb. .14½- .11
Cananga, native, cns.....lb. 2.20 - 2.35
rectifd., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.11.00 -25.00
Cassia, USP, cns., dms.....lb. .90 - .95
Castor, blown, one-way dms., c.l..lb. .12½- —
l.c.l.....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l.....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10¾- —
l.c.l.....lb. .11¾- —
(5-gal.), l.c.l.....lb. .12¾- —
tanks.....lb. .10 - —

Oil, Castor—Petroleum, Crude

Oil, castor, No. 3, bbls., c.l....lb. .10¼- —
l.c.l. ....lb. .11 - —
dms. (returnable), c.l.....lb. .10 - —
l.c.l. ....lb. .10¾- —
tanks ....lb. .09½- —
Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
Sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. ....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. ....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. ....lb. .13 - —
Cedarleaf, cns.....lb. .90 @ .95
dms. ....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb. 10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .95 - —
25 lbs.....lb. 1.05 - —
Chinawood ....lb. .18 - .18¼
tanks ....lb. .1720- .1740
Cinnamon, Ceylon, bots.....lb. 9.00 - 22.00
Seychelle, bots.....lb. 8.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - .22
dms. ....lb. .18 - .19
Java, dms.....lb. .30 - .31
Clove, USP, cns.....lb. 1.00 - —
dms. ....lb. .97 - —
Coconut, Manila, crude, tanks. lb. .04⅝- —
Pac. Cst.....lb. .04⅜- —
edible, 76°, tax inc.. dms. (returnable), c.l..lb. .10 - —
l.c.l. ....lb. .10¾- —
tanks ....lb. .09¾- —
Cod, Newfoundland, tanked, bbls..gal. .42 Nom.
Norwegian, bbls.....gal. .33 - .36
Codliver, med., Norwegian, bbls. bbl. 24.00 -26.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots ... .lb. 6.25 - 6.50
Corn, crude, tanks, wrks..lb. .09⅝ Nom.
refd., bbls.....lb. .12¼- .12½
Cottonseed, dom., cooking, bbls. 100 lbs. 11.20 - —
salad, bbls.....100 lbs. 11.35 - —
import., Brazilian, semirefd., dms..lb. .06 - —
British, refd., tanks.....lb. .10⅝ Nom.
semirefd, dms.....lb. .07 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.40 - 1.45
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb. 12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cans.....lb. .35 - .36
dms ....lb. .33 - .34
Fennelseed, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .62½- .65
Gulf Coast.....bbl. .90 - —
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20.. bbl. .60 - .70
18-20 ....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday ....bbl. 1.05 - —
Tuesday ....bbl. 1.05 - —
Wednesday ....bbl. 1.05 - —
Thursday ....bbl. 1.05 - —
Friday ....bbl. 1.05 - —
Saturday ....bbl. 1.05 - —
North Texas, 24-26.....bbl. .65 - .70
26-30 ....bbl. .70 - .75
Oklahoma, 18-22.....bbl. .65 - .70
24-26 ....bbl. .70 - .75
26-30 ....bbl. .80 - .85
28-30 ....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .05¾- —
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .03⅝- —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana - Arkansas, 38 - 40, light straw.....gal. .02⅞- .03
Oklahoma, 28-30.....gal. .03 - .03½
32-36 ....gal. .03¼- .03¼
36-38 ....gal. .03¼- .03¼
38-40, straw.....gal. .03¼- .03⅝
38-40, zero, 60 s.p.....gal. .03⅝- .03⅞
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½- —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02⅝- .02¾
Louisiana - Arkansas, 32 - 36, bulk ....gal. .03 - .03½
North Texas, 32-36, bulk.gals. .02⅝- —
Oklahoma, 32-36, earn. straw, bulk..gal. .02½- .02⅝
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns.....lb. 5.25 - 6.75
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 3.20 - 4.00
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 2.25 - 3.85
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09½- .09½
refd., dms.....lb. .10¼- .10½
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Lard, common, 1, bbls..100 lbs. 9.00 - —
2, bbls.....100 lbs. 8.75 - —
extra, bbls.....100 lbs. 10.25 - —
1, bbls.....100 lbs. 9.25 - —
headlight, burning bbls.100 lbs. 11.50 - —
prime, ed., bbls.....100 lbs. 13.75 - —
ined., bbls.....100 lbs. 11.50 - —
winter, strained, extra, bbls. 100 lbs. 10.50 - —
prime, bbls.....100 lbs. 10.75 - —
Lavender flowers, French, USP. cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. .95 - 1.40
dms. ....lb. .85 - —
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .40 - .45
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -12.00
Linaloe wood, cns.....lb. 1.25 - 1.30

Oil, linseed, boiled, bbls., c.l..lb. .1050- .1070
l.c.l., 5 or over.....lb. .1090- .1110
less than 5.....lb. .1130- .1150
tanks ....lb. .0990- .1010
double boiled, bbls.. less than 5..lb. .1150- .1170
raw, bbls., c.l.....lb. .1010- .1030
l.c.l., 5 or more.....lb. .1050- .1070
less than 5.....lb. .1090- .1110
tanks ....lb. .0950- .0970
Lovage, bots.....lb. 65.00 -66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks..gal. .13¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks...gal. .16½- —
3 color, tanks.....gal. .14 - .14½
4 color, tanks.....gal. .13½- .13¾
E, tanks.....gal. .21 - —
180 vis., 5 color, tanks.gal. .15¼- .15½
4 color, tanks.....gal. .14¾- .15
190 vis., tanks.....gal. .25 - —
200 vis., 3 color, tanks.gal. .15¾- .16
4 color, tanks.....gal. .15¼- .15½
5 color, tanks.....gal. .14¾- .15
E, tanks.....gal. .24 - —
220 vis., 3 color, tanks.gal. .16¾- .17
4 color, tanks.....gal. .16¼- .16½
5 color, tanks.....gal. .16¼- .16½
240 vis., 3 color, tanks.gal. .17¾- .18
4 color, tanks.....gal. .17¼- .17½
280 vis., 3 color, tanks.gal. .18¾- .19
4 color, tanks.....gal. .18 - .18¼
5½ color, tanks.....gal. .17½- .17¾
Pennsylvania, bright, 600 cold test, 10-40 pour, tanks gal. .25½- —
10-15 pour, tanks...gal. .26½- —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks.....gal. .19 - —
650 flash, tanks.....gal. .23½- —
635 fire, tanks.....gal. .17½- —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks..gal. .19½- —
neutral, 150 vis., 3 color, tanks..gal. .22½- —
180 vis.,3 color,tanks.gal. .24 - —
200 vis.,2 color,tanks.gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .31½- —
unfiltered, 600 s.r., bbls c.l., f.a.s..gal. .24 - —
600 flash, s.r., bbl.. c.l., f.a.s..gal. .25½- —
650 flash, s.r., bbls.. c.l. f.a.s..gal. .28 - —
650 s.r., bbls., f.a.s..gal. .24½- —
Warren E. bbls. c.l. f.a.s. gal. .26 - —
smaller lots, f.o.b..gal. .31 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .27 - Nom.
refd., alkali, dms, c.l.....lb. .0780- —
l.c.l. ....lb. .0780- —
tanks ....lb. .0720- —
blown, dms.....lb. .0780- —
kettle-bodied, dms.....lb. .0880- —
light pressed, dms, c.l...lb. .0720- —
l.c.l. ....lb. .0720- —
tanks ....lb. .0660- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots..lb. 1.73 - 1.78
dist., natural, bots.....lb. 8.00 - 9.00
expressed, bbls.....gal. .70 - .75
Neatsfoot, cold test, bbls.100 lbs. 16.00 - —
extra, bbls.....lb. 9.50 - —
1, bbls.....100 lbs. 9.25 - —
purs, bbls.....100 lbs. 11.50 - —
Special, bbls.....100 lbs. 10.50 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli bots.....lb. 35.00 -60.00
Nutmeg USP, cns.....lb. 1.10 - 1.15
Oiticica, dms.....lb. .13¾- .14
shipment .....lb. .14 Nom.
Oleo, 1, bbls.....100 lbs. 9.75 - —
2, bbls.....100 lbs. 9.25 Nom.
Olibanum, bots.....lb. 5.25 - 5.30
Olive., nom., denat., bbls....lb. 1.00 - Nom.
edible, bbls.....gal. 1.75 - 1.85
foots, bbls.....lb. .08¾- .09
sulphonated, 50% (43% fat), dms., c.l..lb. .09 - —
l.c.l. ....lb. .09½- —
75% (63% fat), dms., c.l..lb. .12½- —
l.c.l. ....lb. .13 - —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l ....lb. .14 - —
Orange, sweet, dist., cns....lb. .90 - —
expressed, African, cns., dms..lb. 1.25 - 1.30
Calif., cns.....lb. 2.85 - —
Florida, cns.....lb. 2.85 Nom.
Messina, USP, coppers..lb. 2.35 - 3.25
Spanish, cns.....lb. 3.00 Nom.
West India, cns.....lb. 2.30 - 2.35
Origanum, Spanish, cns.....lb. .70 Nom.
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .0455- —
shipment .....lb. .0430- —
softs, 12½%, bulk, shipt....lb. .0390- —
20%, bulk, shipt.....lb. .0385- —
Sumatra, tanks.....lb. .05 - .05¼
shipment, bulk.....lb. .0450 Nom.
Palmarosa, cns.....lb. 1.60 - 2.00
Palmkernel, bulk, shipt.....lb. .0465 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S. gal. .05¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .05½- —
60-85 vis., bbls. extra, Ind. refy..gal. .12 - —
650° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots.....lb. 4.75 - 6.00
Peanut, crude, tanks, works. lb. .09 - Nom.
refd., edible, bbls.....lb. .12 - .13
Pennyroyal, dom., cns.....lb. 1.65 - 2.00
import., cns.....lb. 1.15 - 1.20
Peppermint, natural, cns....lb. 2.50 - 2.75
redist., USP, cns.....lb. 2.75 - 3.00
Perilla, dms.....lb. .09¾- .09¾
tanks ....lb. .09¾- .09½
Petitgrain, Paraguay, cns...lb. 1.00 - 1.15
Pimento berry, cns.....lb. 2.20 - 2.50
Leaf, cns.....lb. 1.05 - 1.10
Pine, dest.-dist., straw-color, dms., divd. E. ports..gal. .44 - —
steam-dist., straw-color, bbls. gal. .50 - —
tanks ....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks ....gal. .59 - —
Pineneedle, Siberian, cns....lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid...gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

Oil, rapeseed, blown, bbls....lb. .11 - .12
denat., bbls.....gal. .62 - .64
Red, dist. or saponif., bbls., divd.....lb. .09½- .10⅛
dms, divd.....lb. .09 - .10
tanks, divd.....lb. .08¼- —
white, dms, dvid.....lb. .12 - .13
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, tech., cns.....lb. .50 - .42
USP, cns., dms.....lb. .34 - .45
Rosin, 1st rectfd., dms.....gal. .45 - .46
2d rectfd., dms.....gal. .49 - .51
3d rectfd., dms.....gal. .55 - .57
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.70 - 1.75
Salmon, tanks, Pac. Cst....gal. .32½- —
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac, cst. gal. .31 - —
rfd., alkali, dms, c.l.....lb. .0780- —
l.c.l. ....lb. .0780- —
tanks ....lb. .0720- —
kettle-bodied, dms.....lb. .0880- —
light, pressed, dms., c.l.lb. .0720- —
l.c.l. ....lb. .0720- —
tanks ....lb. .0660- —
poultry feed., dms., Pac.cst. gal. .50 - —
Sassafras, artif., dms.....lb. .37 - .38
cns ....lb. .40 - .41
natural, cns., dms.....lb. .75 - 1.25
Savin, cns.....lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. lb. .12⅜- .12¼
yellow, dms.....lb. .12⅜- .12¼
Shingle stain, bbls., c.l., works, gal. .17½- —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb. 10.25 -12.50
Soybean, dom., crude, dms..lb. .0930- .0990
tanks ....lb. .0870- —
refd., dms.....lb. .0980- .1070
tanks ....lb. .0920- .0970
Spearmint, USP, cns.....lb. 1.85 - 1.90
Sperm, bleach, 38°, dms.....lb. .0940-.0960
45°, dms.....lb. .0870-.0890
natural, dms.....lb. .0820-.0840
Spruce, cns.....lb. 1.00 - 1.05
Sunflowerseed, refd., dms....lb. .10¼ Nom.
Sweet birch, North., cns....lb. 3.50 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls...100 lbs. 9.25 - —
tanks .....100 lbs. 8.75 - —
Tansy, cns.....lb. 1.50 - 1.60
Tar, comml., dms., c.l., divd. E. cities..gal. .28 - —
E. ports.....gal. .25 - —
l.c.l. ....gal. .26 - —
tanks, divd. E. cities....gal. .30 - —
Tar acid (see T)
Teaseed, dms.....lb. .11 Nom.
shipment, dms.....lb. .10½ Nom.
Thyme, NF, red, dms.....lb. .68 - .85
white, dms.....lb. .80 - 1.10
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb. 13.50 -14.00
Vetiver, Bourb., bots.....lb. 10.50 -11.00
Walnut, crude, dms.....lb. .10¼- .10½
refd., dms.....lb. .11¼@ .11⅝
Whale, refd., natural, dms..lb. .0730- .0750
winter, bleach., dms....lb. .0770- .0790
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-103 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North., cns..lb. 4.00 - 8.00
South., cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.25 - 2.30
Wormwood, cns.....lb. 2.50 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots.....lb. 26.00 -60.00
Opium, USP, cns.....lb. 11.50 -12.50
gran., cns.....lb. 12.50 -13.50
powd., cns.....lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash..lb. .10¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. M., Wyo..lb. .10½- —
Other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points.....lb. .10½- —
French Tours, cakes., ex dock..lb. .17 - —
tgs., ex dock.....lb. .18½- —
Peel, bitter, bls.....lb. .08½- .09
Sweet, bls.....lb. .09 - .10
Toner bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .85 - .90
Orris root, Florentine, bgs.....lb. .09 - .10
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs., cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .82 - .84
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .85 - .75
Orthocresol, dms.....lb. .12 - .15
Orthodichlorobenzene, dms.....lb. .06½- .11½
Orthonitroanilin, dms.....lb. .48 - .60
Orthonitrochlorobenzene, kgs...lb. .28 - .29
Orthonitroparachlorophenol, cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - .10
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14½- .15
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .22 - .22½
Spanish, extra fancy, cs.....lb. .25 - .25½
fair, bgs.....lb. .24½- .25½
fancy, med., bgs.....lb. .24 - .24½
Para-aminoacetanilide, kgs....lb. .85 Nom
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amyiphenol, tertiary, dms., l.c.l., works..lb. .50 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .18 - .20
kegs .....lb. .18 - .20
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02½
bbls., c.l., N. Y.....lb. .0235- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02⅝- .02½
bbls., c.l., N. Y.....lb. .0240- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02½ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l..lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s. N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s. N. Y..lb. .0440- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .0465- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s. N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s. N. Y..lb. .0515- —
135-137 A.m.p., bgs., c.l.lb. .0580- —
export, f.a.s. N. Y..lb. .0545- —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l..lb. .06 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .33 - —
100-lbs. ....lb. .39 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs.....lb. .47 - .49
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - .37
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratertiaryamylphenol, dms., 50,000 lbs., Wyandotte, Mich. lb. .32 - —
10,000 lbs., same basis.....lb. .35 - —
2,000 lbs., same basis.....lb. .40 - —
1,000 lbs., same basis.....lb. .50 - —
6 lbs., same basis.....lb. 1.00 - —
1-5 lbs., same basis.....lb. 2.00 - —
tanks, same basis.....lb. .31 - —
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluenesulphonanilide, bbls.lb. .55 - —
Paratoluidin, bbls.....lb. .58 - .60
Pareira brava root, bls.....lb. .13 - .14
Paris green, bxs., frt. all'd E. of Cleve..lb. .26 - .27
kgs., same basis.....lb. .22 - .24
kits, same basis.....lb. .26 - —
Passion flower herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .09 - —
laboratory grade, dms., c.l., G.S..gal. .19 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .08½- .09
Lampong, bgs.....lb. .04¾- .05
Tellicherry, bgs.....lb. .09 - .09½
Red, birdseye, new crop, bgs., afloat..lb. .15 - .15½
old crop, bgs.....lb. .13 - .13½
Japanese, 1, bgs.....lb. .10¾- .11¼
Mombassa, bgs.....lb. .13⅝- .14
White, Borneo, bgs.....lb. .08½- .09
Java, Muntok, bgs.....lb. .08¾- .09
Saigon, bgs.....lb. .09 - .09½
Singapore, Muntok, bgs....lb. .08¾- .09
Peppermint leaves, dom., bls..lb. .30 - .32
import., bls.....lb. .45 - .50
Persian berry extract, bbls ..lb 60 Nom.
Peru balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l..lb. .02⅝- .02⅞
light, bbls., c.l.....lb. .03⅛- .03⅜
medium, bbls., c.l.....lb. .02⅝- .03⅛
cream, bbls., c.l.....lb. .05 - .05½
green, dark, bbls., c.l.....lb. .02¼- .03¼
red, bbls., c.l.....lb. .02⅝- .03⅛
veterinary, bbls., c.l.....lb. .02⅝- .02⅞
white, lily, bbls., c.l.....lb. .06 - .06¼
snow, bbls., c.l.....lb. .07 - .07¼
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .86
Athens .....bbl. .84 - 1.02
Beiridge .....bbl. .70 - 1.33
Buena Vista Hills.....bbl. .70 - 1.36
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.33
Domingues .....bbl. .79 - 1.04
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.33
Elwood Terrace, f.o.b. ship. bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.28
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.42
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .65 - 1.04
Lost Hills.....bbl. .70 - 1.33
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.30
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .96
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.43
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.06
Wheeler Ridge.....bbl. .70 - .92
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.23 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. .90 - —
Princeton .....bbl. 1.13 - —
East Texas.....bbl. 1.15 - —

Petroleum, crude, at wells—
Gulf Coast:—
Barber's Hill....bbl. .92 - 1.22
Batson....bbl. .92 - 1.22
Conroe....bbl. 1.24 - 1.84
Dayton....bbl. .92 - 1.22
Evangeline....bbl. .92 - 1.22
Goose Creek....bbl. .92 - 1.22
High Island....bbl. .92 - 1.22
Hull....bbl .92 - 1.22
Humble....bbl. .92 - 1.22
Liberty....bbl. .92 - 1.22
Markham....bbl. .92 - 1.22
Orange....bbl. .92 - 1.22
Pettus....bbl. 1.25 - —
Pierce Junction....bbl. .92 - 1.22
Port Lavaca....bbl. .90 - —
Refugio, heavy....bbl. .90 - —
light....bbl. .92 - 1.22
Saratoga....bbl. .92 - 1.22
Sour Lake....bbl. .92 - 1.22
Spindle Top....bbl. .92 - 1.22
Sugarland....bbl. .92 - 1.22
Terry....bbl. .92 - 1.22
West Columbia....bbl. .92 - 1.22
Kentucky, Tennessee:—
Oil City, in Stoll lines..bbl. .100 - —
Somerset....bbl. 1.20 - 1.35
Western Kentucky, all gravities..bbl. 1.28 - —
Louisiana, Arkansas:—
Bosco....bbl. 1.02 - —
Bull Bayou....bbl. .71 - 1.06
Caddo....bbl. .78 - 1.10
Cameron Meadows....bbl. .82 - 1.13
Cotton Valley....bbl. .78 - 1.10
De Soto....bbl. .78 - 1.10
El Dorado....bbl. .78 - 1.10
Haynesville....bbl. .78 - 1.10
Homer....bbl. .78 - 1.10
Iowa....bbl. .72 - 1.06
Lockport....bbl. .92 - 1.22
Miller County....bbl. .78 - 1.10
Nevada....bbl. .65 - —
Pine Island....bbl. .84 - 1.06
Rodessa....bbl. .78 - 1.10
Smackover....bbl. .75 - .80
Urania....bbl. .97 - —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—
Panuco....bbl. 1.00 - —
Tax, 12.365c. per bbl.
Tuxpan....bbl. No prices
Tax, 20.261c. per bbl.
Midcontinent:—
Corsicana....bbl. .80 - —
North Texas....bbl. .86 - 1.13
Oklahoma-Kansas....bbl. .86 - 1.13
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany....bbl. 2.45 - —
Corning....bbl. 1.43 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.97 - —
Eureka lines....bbl. 2.13 - —
S.W. Penn lines....bbl. 2.17 - —
lower district in National Transit lines.bbl. 2.37 - 2.43
Rocky Mountain:—
Big Muddy....bbl. 1.11 - —
Cat Creek....bbl. 1.07 - —
Elk Basin....bbl. 1.18 - —
Frannie, heavy....bbl. .72 - —
light....bbl. .78 - —
Grass Creek, heavy....bbl. .72 - —
light....bbl. 1.18 - —
Greybull....bbl. 1.28 - —
Lance Creek....bbl. .78 - —
Pondera....bbl. 1.05 - —
Rock Creek....bbl. 1.12 - —
Salt Creek....bbl. .94 - 1.18
Sunburst....bbl. 1.15 - —
South, Central and Southwestern Texas:—
Cass County....bbl. .86 - 1.10
Darst Creek....bbl. .97 - 1.03
Luling....bbl. .90 - —
Lytton Springs....bbl. 1.00 - —
Mirando....bbl. .85 - —
Panola County....bbl. .84 - 1.08
Salt Flat....bbl. 1.02 - —
Saxet....bbl. .90 - —
Tomball....bbl. 1.30 - —
Van....bbl. .79 - 1.08
Texas Panhandle:—
Carson-Hutchinson counties....bbl. .91 - .98
Gray County....bbl. .86 - .98
West Texas:—
Artesia, N. M....bbl. .75 - —
Crane....bbl. .75 - .90
Crockett....bbl. .75 - .90
Ector....bbl. .75 - .90
Glasscock....bbl. .75 - .90
Hobbs, N. M....bbl. .65 - —
Hogback....bbl. 1.21 - —
Howard....bbl. .75 - .90
Jackson, N. M....bbl. .75 - —
Lea, N. M....bbl. .75 - .90
Maljamar, N. M....bbl. .75 - —
Mitchell....bbl. .80 - —
Pecos....bbl. .75 - .90
Upton....bbl. .75 - .90
Winkler....bbl. .85 - —
Ether, 30-60°, dms., c.l. G.3....gal. .15 - —
l.c.l., G.3....gal. .17 - —
tanks, G.3....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .35 - —
40-75°, dms., c.l., G.3....gal. .15 - —
l.c.l., G.3....gal. .16 - —
tanks, G.3....gal. .13 - —
laboratory grade, dms., c.l., G.3....gal. .19 - —
l.c.l., G.3....gal. .25 - —
10-gal. lots, G.3....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 49-51, 257 l.b.p., 365 e.p., tanks..gal. .13 - —
58-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles....gal. .13½ - —
San Francisco....gal. .14 - —
f.o.b. Richmond....gal. .14 - —
Willbridge, Ore.; Pt. Wells, Wash..gal. .14½ - —
61-63, 149 l.b.p., 275 e.p., tanks....gal. .15 - —
East Coast, tanks....gal. .12 - .13½
drums....gal. .19 - —
Group 3, tanks....gal. .06¾- .06½
Naphtha, cleaners, at refinery:—
East Coast, tanks....gal. .06¼- —
Group 3, tanks....gal. .07¾- .07½
tankwagon, Boston, ex-tax, gal. .12 - —
Chicago, inc. 3c. tax..gal. .145 - .155
Decatur, inc. 3c. tax..gal. .17½- .18½
Des Moines, inc.3c.tax.gal. .173 - .183
Evansville, Ind, ex tax.gal. .149 - .162
Milwaukee, inc. 4c. tax. gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax..gal. .179 - .189
Newark, ex tax....gal. 11½- —
New York, ex tax....gal. 11¼- —
Omaha, ex tax....gal. .149 - .159
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax...gal. 11¼- —
St. Louis, ex tax....gal. .142 - .152
Syracuse, 160 gals....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans....gal. .21 - —
Tulsa, ex tax....gal. .15 - .16
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt....gal. .16¼- —
90, same basis....gal. .15½- .17

Petroleum, naphtha, high solvency, hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt..gal. .16 - —
2, same basis....gal. .15 - —
3, same basis....gal. .16 - —
4, same basis....gal. .15 - —
V.m.&p., at refinery:—
California, 49.5, 255 l.b.p., 390 e.p., tanks, f.o.b. El Segundo..gal. .13½- —
Richmond....gal. .14 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .14½- —
54-57, 190 l.b.p., 310 e.p., tanks, delvd. Los Angeles..gal. .12½- —
San Francisco..gal. .13 - —
East Coast, tanks....gal. .10 - —
Group, 3, tanks....gal. .07¾- .07½
Pennsylvania, tanks...gal. .07½- —
tankwagon, Boston, ex-tax, gal. .18 - —
Chicago, inc. 3c. tax..gal. .14½- .15½
Decatur, inc. 3c. tax..gal. .180 - —
Des Moines, inc.3c.tax.gal. .173 - .183
Evansville, Ind., ex tax.gal. .149 - .159
Milwaukee, inc. 4c.tax.gal. .188 - .198
Minneapolis-St. Paul, inc 3c. tax..gal. .179 - .189
Newark, ex tax....gal. 12½- —
New York, ex tax....lb. .11½- —
Omaha, ex tax....gal. .149 - .159
Philadelphia, ex tax...gal. .15 - —
St. Louis, ex tax....gal. .142 - .152
Solvent, rubber, at refinery:—
California, 60.2-63.5, 167 l.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.3, 104 l.b.p. 2[illegible] tanks, inc. tax..gal. .14 - .14½
East Coast, tanks....gal. [illegible]
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07¾- .07½
standard, 180 l.b.p., 288 e.p., tanks..gal. .07¾- .07½
Stoddard (CS 3-28), at refinery:—
East Coast, tanks....gal. .09¼- —
Group 3, tanks....gal. .06¾- .07
tankwagon, Boston, ex tax, gal. .13½- —
Chicago, inc. 3c. tax..gal. .14 - .15
Decatur, inc. 3c. tax..gal. .14½- .15½
Des Moines, inc.3c.tax.gal. .163 - .173
Evansville, Ind., ex tax.gal. .142 - .152
Milwaukee, inc. 4c.tax.gal. .178 - .188
Minneapolis-St. Paul, inc. 3c. tax.gal. .154 - .164
Newark, ex tax....gal. .10½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax....gal. .10¼- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha, ex tax....gal. .13 - .14
Philadelphia, ex tax...gal. .11¼- —
St. Louis, ex tax....gal. .11½- .12½
Tulsa, ex tax....gal. .10 - .11
Thinner, at refinery:—
California, 35.5, 300 l.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles...gal. .14 - —
Portland, Ore....gal. .15 - —
Richmond....gal. .13½- —
Seattle, Wash....gal. .15½- —
42-46, 306 l.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .12½- —
Richmond....gal. .12 - —
Southern Calif'nia.gal. .11½- —
55, 200 l.b.p., 305 e.p., tanks, f.o.b. El Segundo, gal. .13½- —
Portland, Ore....gal. .14½- —
Richmond....gal. .14 - —
Seattle, Wash....gal. .14½- —
East Coast, tanks....gal. .09 - —
47-49, tanks....gal. .09 - —
Group 3, tanks....gal. .06¾- .06½
Pennsylvania, tanks....gal. .06¾- —
tankwagon, tax included:—
Albany....gal. .135 - —
Baltimore....gal. .12 - .15
Bingham, N. Y....gal. .14 - .18
Boston....gal. .12 - .18
Bridgeport, Conn....gal. .13 - —
Buffalo....gal. .14 - —
Camden, N. J....gal. .115 - .135
Chicago....gal. .152 - .162
Decatur, Ill....gal. .175 - —
Des Moines....gal. .163 - .173
Evansville, Ind....gal. .142 - .152
Milwaukee....gal. .178 - .188
Minneapolis-St. Paul...gal. .203 - .213
Newark....gal. .10½- —
New York....lb. .10¼- —
Omaha....gal. .139 - .149
Philadelphia....gal. .115 - .135
Pittsburgh....gal. .12 - .14
Providence....gal. .12 - .13
Rochester....gal. .12 - .14
St. Louis....gal. .132 - .142
Syracuse....gal. .14 - —
Trenton....gal. .11½- .13½
Wilmington, Del....gal. .15 - —
contracts, 1,000 gals.gal. .13 - —
Phenobarbital, bots....lb. 4.50 - 4.55
Phenol, USP, dms., c.l. works, frt. equald...lb. .14¼- —
l.c.l., same basis....lb. .15 - —
tins, c.l., same basis....lb. .15¼- —
l.c.l., same basis....lb. .16 - —
Phenolphthalein, USP, bbls.,dms., 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls....lb. .70 - —
Phenyl chloride, dms....lb. .16 - —
Phenylacetaldehyde, bots....lb. 4.85 - 5.25
Phenylhydrazin hydrochloride,CP, bots., works..lb. 3.80 - 5.10
commercial, kgs., works...lb. 3.30 - 4.60
pure, bots., works....lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines... long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.35 - —
Tenn., 72%, bulk, mines.... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs....lb. .40 - .44
Yellow, cs....lb. .28 - .37½
Oxychloride, cyls....lb. .16 - .20
Sesquisulphide, cs....lb. .38 - .42
Trichloride, cyls....lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis....lb. .15½- —
Picni leaves, bgs....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.60 - 2.75
Nitrate, bots., vls....oz. 2.40 - 2.65
Pimento, bgs....lb. .15½- .16
Pinkroot, bls....lb. .35 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l....ton. 22.00 - —

Pitch, hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 20.00 -21.00
f.o.b. works....ton. 15.00 - —
Linseed, dms....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls....bbl. 4.00 - 4.50
Stearin, dms....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls....lb. .12 - .13
Podophyllin, cns....lb. 3.00 - 3.25
Poke root, bls....lb. .06½- .07
Pomegranate bark, bgs....lb. .18 - .19
Root bark, bgs....lb. .40 - .41
Poppy flowers, red, bls....lb. .35 - .40
Seed, Dutch, bgs....lb. .06 - .06½
Hungarian, bgs....lb. .06½- .06½
Polish, bgs....lb. .05¾- .06¾
Potash acetate, USP, bbls.,kgs.lb. .26 - .28
50% sol., bbls....lb. .06½- .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .12
gran., bbls....lb. .10 - .12
Bichromate, bbls....lb. .08½- .09
Binoxalate, dms....lb. .23 - —
Bisulphate, kgs....lb. .15½- .18
Bromide, bbls....lb. .31 - .33
Carbonate, calc., 99-100%,cks.lb. .06½- .09
96-98%, cks., c.l., Bost., Balto. arrival..lb. .06¾- —
l.c.l., 5 or over, same basis..lb. .07½- —
N. Y. arrival....lb. .07½- —
N. Y. stocks....lb. .07½- —
less than 5, Bost., Balto. arrival..lb. .07¼- —
N. Y. arrival....lb. .07¾- —
N. Y. stocks....lb. .07¾- —
80-85%, cks....lb. .07½- .07½
Carbonate, hydrated, 83-85%, bbls., c.l., works..lb. .06 - —
l.c.l., 10 or over....lb. .06¼- —
1-9....lb. .06¾- —
liquid, dms., dlvd....lb. .06½- .06¾
USP, gran., bbls....lb. .14 - —
powd., bbls....lb. .17 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l....lb. .07¼- .07¾
import., dms....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03¼
tanks....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l....lb. .06½- .06¾
import., cnks....lb. .06¼- .06¾
Chlorate cryst., kgs....lb. .09¼- .09½
gran., kgs....lb. .12 - .13
powd., kgs....lb. .06½- .06¾
Chloride, tech., 99%, cryst.,bbls. lb. .04 - .04½
Chromate, kgs....lb. .23 - .26
Citrate, USP, gran., bbls., 250 lbs..lb. .36 - —
kgs., 100 lbs....lb. .37 - —
cns., 50 lbs....lb. .38 - —
cns., 25 lbs....lb. .40 - .41
Cyanide, cns., dms....lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs..lb. 1.25 - 1.80
Guaiacolsulphonate, cns....lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns.lb. .56 - .57
Hypophosphite, cns....lb. .72 - .77
Iodate, bbls....lb. 3.20 - 3.25
Iodide, bbls., fib. dms....lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton. 12.00 - —

Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.

Manure salt, dom., 20% K_2O, bulk, c.l.f. ports..ton. 12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 50% K_2O,bulk,shipt. unit-ton. .55 - —
Metabisulphite, kgs....lb. .13½- —
Muriate, dom., all strengths, min. 50% K_2O, bulk..unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls....lb. .25 - .26
Perchlorate, kgs., works....lb. .09 - .11
Permanganate, tech., dms....lb. .18½- .19
USP, dms....lb. .18½- .19
Prussiate, red, bbls....lb. .35 - .37
Yellow, bbls....lb. .18 - .19
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, bbls....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton. 36.25 - —
Vegetable, bulk, f.o.b. Balto.ton. 19.97 Nom.
Xanthate, dms., c.l....lb. .18 - —
l.c.l....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls....lb. .12 - .13
Berries, bls....lb. .13 - .16
Prince's pine herb, bls....lb. .17½- .18
Propane, tanks, G.3....gal. .01½- .04¾
cyls., 100 lbs., G.3....gal. .40 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls....lb. .15 - .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works...lb. .04 - —
0, 0½, 0¾, and ½, bbls., 0, 0-½, 0-¾, and ½, bbls. 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y...ton. 33.00 - —
l.c.l., 5-29 tons, ex whse. ton. 38.00 - —
1,000-10,000 lbs., ex whse...ton. 39.00 - —
2 bgs. to 1,000 lbs., ex whse...ton. 41.00 - —
single bgs., ex whse.ton. 46.00 - —
Pumpkin seed, bgs....lb. .11 - .14
Purple lake (see Red).
Putty, com'l, dms....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.75 - —
refined, dms....100 lbs. 5.25 - —
standard, dms....100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 4.25 - 4.60
standard make....gal. 4.25 - 4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.60

Petroleum, Crude—Red, Orange

Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over..lb. .11½- —
fine powd., Dalmat., bbls., kgs..lb. .14 - .15
Japan, bbls., 5 tons....lb. .14 - —
Pyridin, denaturing, dms....gal. 1.30 - —
refd., 2°, dms....lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12 - .13
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins.lb. 4.60 - —

Q

Quassia, chips, bls....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03½- —
tanks, works....lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64%, bgs.,c.l., same basis..lb. .03¾- —
Queen of the meadow, bgs....lb. .06 - .07
Root, bgs....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flask. 73.50 -74.50
Quince seed, bgs....lb. .45 - 1.85
Quinidine, cryst., cns....oz. .91 - .98
Sulphate, cns....oz. .67 - —
Quinine, cns....oz. .74 - —
Acetate, cns....oz. .98 - —
Arsenate, cns....oz. .98 - —
Arsenite, cns....oz. 1.00 - —
Bisulphate, cns....oz. .53 - —
Citrate, cns....oz. .71 - —
Dihydrobromide, bots....oz. .74 - —
Dihydrochloride, bots....oz. .74 - —
Ethylcarbonate, cns....oz. .74 - —
Ferrocyanide, cns....oz. 1.00 - —
Formate, cns....oz. .98 - —
Glycerophosphate, cns....oz. 1.13 - —
Hydrochloride, cns....oz. .63½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns....oz. .98 - —
Hypophosphite, cns....oz. .98 - —
Phosphate, cns....oz. .81 - —
Salicylate, cns....oz. .72 - —
Sulphate, cns....oz. .53 - —
Sulphocarbolate, cns....oz. .96 - —
Tannate, cns....oz. .57 - —
Tartrate, cns....oz. .96 - —
Valerate, cns....oz. .92 - —
Quinine-urea hydrochloride,cns.oz. .74 - —

R

R salt, bbls....lb. .52 - .57
Rapeseed, Belgian, bgs....lb. .05 - .05¾
Dutch, bgs....lb. .05¼- .05¾
Japanese, bgs....lb. .05 - .05¼
Raspberries, dried, bbls....lb. .40 - .45
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis, lb. .70 - —
kgs., ton lots, same basis, lb. .70 - —
smaller lots, same basis, lb. .75 - —
light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
maroon shade, bbls., ton lots same basis..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
Selenide, bbls., c.l., works.lb. 2.00 - —
l.c.l., works....lb. 2.50 - —
Orange, bbls., c.l., works..lb. 1.50 - —
l.c.l., works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs....lb. 4.15 - —
11 lbs....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .03¾- —
50%-55%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.05 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.10 - —
Metallic, bbls., Pa., works..lb. .03 - —
Orange, Persian (see O).

Red Oxide—Sulphur

Red, oxide, pure, bbls., c.l., works lb. .08½- —
l.c.l., works lb. .09½- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y. lb. .08¼- —
80% copperas oxide, bbls., same basis lb. .07¾- —

Para toner, concent., kgs., same basis alizarin laks, contracts lb. .75 - —
spot orders lb. .80 - —

Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y. lb. .04¾- —
ex whse., Chicago, St. Louis lb. .04¾- —
San Fran., Los Ang., Portland, Seattle lb. .05 - —

Purple lake, kgs lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis lb. .03 - —

Toner, kgs lb. 1.50 - 2.00

Rose lake, bbls lb. .20 - .30
Pink, bbls lb. .15 - .25

Scarlet ink toner, kgs., same basis alizarin lake lb. .45 - —
Lake, kgs., same basis alizarin lake lb. .25 - .35

Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .03½- —
f.o.b. St. Louis lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03¾- —
St. Louis lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .04½- —
ex whse., Chgo., Cleve., Pgh. lb. .04¼- —
2 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .02¾- —
f.o.b. St. Louis lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03 - —
St. Louis lb. .03¼- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03¾- —
ex whse., Chgo., Cleve., Pgh. lb. .03½- —
8, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .0265- —
f.o.b. St. Louis lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila. lb. .0290- —
St. Louis lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03¾- —
ex whse., Chgo., Cleve., Pgh. lb. .0340- —

Toluidin toner, kgs., same basis alizarin lake lb. 1.35 - —

Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis lb. .25½- —
2, bbls., same basis lb. .30½- —
3, bbls., same basis lb. .23½- —
4, bbls., same basis lb. .33½- —
5, bbls., same basis lb. .24 - —
6, bbls., same basis lb. .24 - —
7, bbls., same basis lb. .24 - —
8, bbls., same basis lb. .22 - —
9, bbls., same basis lb. .31½- —
10, bbls., same basis lb. .15½- —

Venetian, bbls., works lb. .0190- —
10%, bbls., works lb. .0215- —
15%, bbls., works lb. .0214- —
20%, bbls., works lb. .0214- —
25%, bbls., works lb. .0214- —
30%, bbls., works lb. .03 - —
35%, bbls., works lb. .0265- —
40%, bbls., works lb. .0274- —

Vermillion, American, bbls., same basis alizarin lake lb. .15 - —

English quicksilver, bbls., 500-lbs. lb. 1.39 - —
smaller lots lb. 1.60 - 1.72

Red dyes are listed under Dyes.

Red precipitate, tns., 6b. dms., kgs., 100-lbs. lb. 1.44 - —

Red saunders wood, ground, bbls. lb. .12 - .17

Resorcinol, tech., cns., works lb. .75 - .80
USP, cryst., cns., kgs., works lb. 1.50 - 1.55

Rhatany root, bgs lb. .09 - .10

Rhodinol, bots oz. 5.75 - 9.00

Rhubarb, root, bbls., cs., kgs. lb. .80 - .81
powd., bbls., kgs lb. .84 - .86

Rochelle salt, cryst., bbls lb. .14 - —
powd., bbls lb. .13 - —

Rose flowers, pale, bls lb. .22 - .24
Red, bls lb. 1.90 - 2.00
Water, triple djn. 4.75 - 5.00

Rosemary flowers, bls lb. .35 - .40
Leaves, bls lb. .05 - .05½

Rosin, gum, B, bbls., ex dock 280 lbs. 6.75 - —
D, bbls 280 lbs. 6.75 - —
E, bbls 280 lbs. 6.75 - —
F, bbls 280 lbs. 7.15 - —
G, bbls 280 lbs. 7.15 - —
H, bbls 280 lbs. 7.15 - —
I, bbls 280 lbs. 7.15 - —
K, bbls 280 lbs. 7.15 - —
M, bbls 280 lbs. 7.15 - —
N, bbls 280 lbs. 7.15 - —
W. G., bbls 280 lbs. 7.45 - —
W. W., bbls 280 lbs. 8.00 - —
X, bbls 280 lbs. 8.00 - —

Rosin, wood, F.F., bbls., spot. 280 lbs. 6.72 - 7.75
works 280 lbs. 6.00 - —
I, bbls., spot 280 lbs. 6.97 @ 8.00
works 280 lbs. 5.85 - —
M, bbls., spot 280 lbs. 7.12 @ 8.15
works 280 lbs. 6.05 - —
N, bbls., spot 280 lbs. 7.72 - 8.75
works 280 lbs. 6.85 - —

Rottenstone, dom., bgs., c.l., f.o.b. mines ton.50.00 - —
l.c.l., ex whse ton.50.00 - —
import., lump, bbls lb. .12 - —
powd., bbls lb. .06½- .10

Rue, bls lb. .21 - .22

S

Sabadilla seed, powd., bbls lb. .21 - .22

Saccharin, cns., 1,000 lbs lb. 1.70 - —
smaller lots lb. 1.75 - 1.90

Safflower, bls lb. .32 - .35

Saffron, Mexican, bls lb. .50 - .55
Spanish, tins lb. 11.00 - 11.25

Safrol, cns lb. .57 - —
dms lb. .54 - —

Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls lb. .06½- .06½
Sage flour, bgs lb. .02½- .03¾

Salicin, cns lb. 4.00 - 4.25
Salol, kgs lb. .90 - .95

Salt, reclaimed, bgs., c.l., dlvd., N. Y. ton. 13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y. ton. 14.03 - 14.58
l.c.l., dlvd. N.Y. ton. 17.00 - —

Saltcake, grd., dom., bbls., works ton. 19.00 - 23.00
bulk, works ton. 12.00 - 16.00
import, bulk, c.i.f. ton. 12.00 - 12.50
Chrome (see Chrome cake).

Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l. 100 lbs. 6.90 - 7.05
5-24 100 lbs. 7.00 - 7.75
1-4 100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l. 100 lbs. 5.90 - —
5-24 100 lbs. 6.00 - —
1-4 100 lbs. 6.25 - —
powd., bbls., 25 to c.l. 100 lbs. 6.90 - —
5-24 100 lbs. 7.00 - —
1-4 100 lbs. 7.25 - —

Santonin, cryst., cns lb. 43.00 - 45.00

Saponin, cns lb. 1.45 - 1.50

Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls lb. .11 - .12

Sassafras bark, ord., bls lb. .11 - .12
select, bls lb. .19 - .21

Savory, bls lb. .07 - .07½

Saw palmetto berries, bgs lb. .18 - .20

Scammony root, bgs lb. .06 - .07

Schaeffer's salt, bgs lb. .48 - .50

Seidlitz mixture, bbls lb. .11½- —
kegs lb. .11¾- —

Senega root, bls lb. .35 - .36

Senna leaves, Alexandria, bls. lb. .09 - .15
Tinnevelly, No. 1, bls lb. .13 - .14
2, bls lb. .09 - .10
3, bls lb. .06 - .07
powd., bbls., bxs lb. .09 - .10
siftings, bls lb. .09 - .10
Pods, bls lb. .06 - .07

Serpentaria root, bls lb. .45 - .46

Shellac, bleached, bonedry, bbls., f.o.b. N. Y. lb. .18 - .19
dlvd. Boston lb. .18½- .19½
Chicago lb. .19 - .20
Pacific Coast lb. .21 - .22
refd., bbls., f.o.b. N.Y. lb. .27 - —
dlvd. Boston lb. .27½- —
Chicago lb. .28 - —
Pacific Coast lb. .30 - —

Garnet, bgs lb. .16 - .17

Orange, D.C., VSO., Diamond, cases lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y. lb. .15½- .16
dlvd. Chicago lb. .16½- .17
Pacific Coast lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago lb. .15½- .16
Pacific Coast lb. .17½- .18

Varnish, orange, 5-lb. cut, bbls. lb. .80 - 1.05
4½-lb. cut, bbls gal. .85 - 1.00
4-lb. cut bbls gal. .80 - .95
white, 5-lb. cut, bbls gal. 1.05 - 1.20
4½-lb. cut, bbls gal. 1.00 - 1.15
4-lb. cut bbls gal. .95 - 1.10

Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works ton. 20.00 - —
l.c.l., 2½ tons, works ton. 21.50 - —
smaller lots, works ton. 23.00 - —
95-97% 400 mesh, bgs., c.l., works ton. 35.00 - —
l.c.l., 2½ tons, works ton. 36.50 - —
smaller lots, works ton. 38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works ton. 21.00 - —
l.c.l., 2½ tons, works ton. 22.50 - —
smaller lots, works ton. 24.00 - —
96-99% 325 mesh, bgs., c.l., works ton. 22.00 - —
l.c.l., 2½ tons, works ton. 23.50 - —
smaller lots, works ton. 25.00 - —
99% 325 mesh, bgs., c.l., works ton. 24.00 - —
l.c.l., 2½ tons, works ton. 25.50 - —
smaller lots ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works ton. 14.00 - —
l.c.l., works ton. 17.00 - —

Silver, bullion oz. .44¾- —
Govt. purchase oz. .7757- —
Nitrate, vis oz. .52¾- .54¾
Nucleinate, cns., 500 ozs oz. .35 - .36
Proteinate, cns., 500 ozs oz. .34 - .35

Simarouba bark, bls lb. .50 - .53

Skatol, bots oz. 4.00 - 10.00

Skullcap, Eastern, bls lb. .12 - .17
Western, bls lb. .14 - .15

Skunk cabbage root, bls lb. .11 - .12

Slate flour, bgs., c.l., works ton. 9.00 - —
l.c.l., works ton. 10.00 - 15.00

Sloe berries, bgs lb. .11 - .13

Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls lb. .06½- .07

Snakeroot, Canad., bls lb. .24 - .26

Soapwark, bls lb. .07 - .08
crushed, bls., bbls lb. .11 - .12
cut, bls., bbls lb. .09 - .10
powd., bbls lb. .13 - .14

Soda abietate, dms lb. .08 - —
Acetate, anhyd., dms lb. .09½- .12
flake, 60%, dms lb. .04½- .07
Alginate, dms lb. .64 - —
Antimoniate, bbls lb. .12 - .12½
Arsenate, dms lb. .09½- .11¼
Arsenite, liq., dms lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works ton. 1.25 - —
l.c.l., Zone 1 ton. 2.13 - —
1A ton. 2.18 - —
2 ton. 2.28 - —
3 ton. 2.53 - —
4 ton. 2.98 - —
5 ton. 3.20 - —
bbls., c.l., works ton. 1.50 - —
l.c.l., Zone 1 ton. 2.37 - —
1A ton. 2.42 - —
2 ton. 2.52 - —
3 ton. 2.77 - —
4 ton. 3.17 - —
5 ton. 3.42 - —
bulk, c.l., works ton. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.25 - —
l.c.l., Zone 1 ton. 2.08 - —
1A ton. 2.13 - —
2 ton. 2.23 - —
3 ton. 2.48 - —
4 ton. 2.88 - —
5 ton. 3.20 - —
bbls., c.l. ton. 1.60 - —
l.c.l., Zone 1 ton. 2.47 - —
1A ton. 2.52 - —
2 ton. 2.62 - —
3 ton. 2.87 - —
4 ton. 3.27 - —
5 ton. 3.57 - —
bulk, c.l. 100 lbs. 1.05 - —
ll,ht, 58%, bgs., c.l., works, 100 lbs. 1.20 - 1.25
l.c.l., Zone 1 100 lbs. 2.08 - —
1A 100 lbs. 2.13 - —
2 100 lbs. 2.23 - —
3 100 lbs. 2.48 - —
4 100 lbs. 2.83 - —
5 100 lbs. 3.20 - —
bbls., c.l., works 100 lbs. 1.50 - —
l.c.l., Zone 1 100 lbs. 2.37 - —
1A 100 lbs. 2.42 - —
2 100 lbs. 2.52 - —
3 100 lbs. 2.77 - —
4 100 lbs. 3.17 - —
5 100 lbs. 3.47 - —
bulk, c.l. 100 lbs. 1.05 - —

Soda ash l.c.l. prices are for 3 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs lb. .46 - .50

Bicarbonate, gran., bbls., c.l., works 100 lbs. 2.25 - —
powd., bbls., c.l., works 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.55 - —
kgs., c.l. 100 lbs. 2.10 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.80 - —

Bichromate, csks lb. .06½- .07

Bifluoride, bbls lb. .11¼- .12

Bisulphate (see Niter cake).

Bisulphite, powd., bbls., c.l., works 100 lbs. 3.25 - 3.35
l.c.l., works 100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works 100 lbs. 1.95 - 2.10

Bromide, bbls lb. .31 - .33

Cacodylate, jars lb. 6.50 - 6.75

Carbonate (see Soda ash, soda monohydrated soda, sal).

Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works 100 lbs. 3.25 - —
dms., c.l., works 100 lbs. 3.00 - —
l.c.l., Zone 1 100 lbs. 4.00 - —
1A 100 lbs. 4.05 - —
2 100 lbs. 4.15 - —
3 100 lbs. 4.40 - —
4 100 lbs. 4.80 - —
5 100 lbs. 4.05 - —
electro, process, dms., c.l., works 100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works 100 lbs. 2.22½- —
seller's tanks, works 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works 100 lbs. 2.60 - —
l.c.l., Zone 1 100 lbs. 3.60 - —
1A 100 lbs. 3.65 - —
2 100 lbs. 3.75 - —
3 100 lbs. 4.00 - —
4 100 lbs. 4.40 - —
5 100 lbs. 3.65 - —
electro process, dms., c.l., works 100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works lb. .06¼- —
l.c.l., works lb. .06½- .09
powd., bgs., c.l., works lb. .06¾- —
l.c.l., works lb. .07 - .09¼

Citrate, USP VIII, gran., bbls., 225 lbs. .22 - —
cns., 50 lbs lb. .24 - —
25 lbs lb. .26 - .27
kgs., 100 lbs lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .28¼- —
cns., 50 lbs lb. .30½- —
25 lbs lb. .32½- .33½
kgs., 100 lbs lb. .29½- —
powd., bbls., 250 lbs lb. .29 - —
cns., 50 lbs lb. .31 - —
25 lbs lb. .33 - .34
kgs., 100 lbs lb. .30 - —

Cyanide, 96-98%, dom., dms. lb. .15½- .17½
import., cs lb. .16¾- .17

Fluoride, white, 90%, bbls., c.l., f.o.b. Phila. lb. .07½- —
l.c.l., 10 or over, same basis lb. .07¾- —
5-9, same basis lb. .08 - —
1-4, same basis lb. .08¼- —
96%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis lb. .08 - —
5-9, same basis lb. .08¼- —
1-4, same basis lb. .08¾- —
Soda fluoride prices at Los Angeles are f.o.b. Phila.

Glycerophosphate, cryst., bbls., cns., 100 lbs. lb. 1.15 - —
solution, 75%, cns lb. .90 - —
50%, cns lb. .55 - —

Hydrosulphite, bbls lb. .17 - —

Hydroxide, USP, sticks, cns., 100 lbs. lb. .23 - .24

Hypophosphite, cns lb. .67 - .72

Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls 100 lbs. 2.60 - 3.05
gran., bbls 100 lbs. 2.75 - 3.30

Iodate, jars lb. 5.02 - 5.07

Iodide, jars lb. 1.90 - 1.95

Metanilate, kgs lb. .41 - .42

Metasilicate, cryst., bbls., c.l., works 100 lbs. 2.75 - —
l.c.l., dlvd. 100 lbs. 3.15 - 3.75
gran., bbls., c.l., works 100 lbs. 2.15 - —
l.c.l., dlvd. 100 lbs. 2.55 - 3.15

Molysdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs lb. .65 - .70

Monohydrated, bbls. 100 lbs. 2.60 - —
works 100 lbs. 2.30 - —

Naphthanate, bbls lb. .09 - —

Naphthionate, bbls lb. .52 - .54

Nitrate, crude, 100 lb.-bgs. Aug. dlvy, fert. mfrs. indust. buyers, ports. ton. 26.50 - —
200 lb.-bgs., same basis ton. 25.50 - —
bulk, same basis ton. 24.50 - —
refd., gran., bbls 100 lbs. 2.25 - —
powd., bbls lb. .06¾- —

Nitrite, 96-98%, dom., bbls., c.l. lb. .0710-.0735
l.c.l. lb. .0695-.1175

Oxalate, neut., bbls., kgs lb. .09 - .11

Perborate, NF, bbls lb. .17 - .18

Phosphate, dibasic, tech., bgs., c.l., E. works 100 lbs. 1.90 - —
l.c.l., E. works 100 lbs. 2.15 - —
bbls. c.l., E. works, 100 lbs. 2.10 - —
l.c.l., E. works 100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. 100 lbs. 8.25 - —
Tribasic, bgs. c.l. dlvd. E. 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs. 100 lbs. 2.80 - —
bbls., c.l. dlvd E. 100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over. 100 lbs. 2.60 - —
less than 3,500 lbs. 100 lbs. 3.00 - —

Soda, phosphate, tribasic, kgs, c.l. dlvd E. 100 lbs. 2.70 - —
l.c.l., 8,500 lbs. or over 100 lbs. 3.10 - —
less than 3,500 lbs. 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.

Picramate, kgs lb. .67 - .69

Prussiate, yellow, dom., bbls., works, contracts lb. .11½- —
prompt shipmt lb. .12 - .13
import, cks., contracts lb. .11½- —
prompt shipmt., cks lb. .12 - —

Pyrophosphate, anhyd., bbls. lb. .10 - —
cryst., bbls lb. .09½- —

Sal, hgs. dlvd. N.Y. 100 lbs. 1.20 - —
works 100 lbs. 1.00 - —
bbls., dlvd. N.Y. 100 lbs. 1.30 - —
works 100 lbs. 1.10 - —

Salicylate, bxs lb. .47 - —

Silicate, 40° turbid, dms., c.l., works 100 lbs. .80 - —
l.c.l., 5 or more, works 100 lbs. 1.05 - —
1-4, works 100 lbs. 1.20 - —
52°, dms., c.l., works 100 lbs. 1.35 - —
l.c.l., 5 or more, works 100 lbs. 1.60 - —
1-4, works 100 lbs. 1.75 - —

Silicofluoride, dom., bbls lb. .06¾- .07½
import, bbls lb. .06¾- .07½
Stannate, dms lb. .29 - .32
Stearate, lump, bbls, works lb. .20 - —
powd., bbls., works lb. .28 - —

Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt. equald. 100 lbs. 1.15 - —
less than 5 tons, same basis 100 lbs. 1.40 - —
bbls., 5 tons or over, same basis 100 lbs. 1.30 - —
less than 5 tons, same basis 100 lbs. 1.55 - —
cryst. (see Glauber's salt).

Sulphide, cryst., bbls., c.l., works 100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works 100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd. 100 lbs. 4.25 - —
solid, bbls., c.l., works 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —

Sulphite, cryst., bgs. 100 lbs. 2.10 - 2.35
bbls 100 lbs. 2.30 - 2.55
powd., bbls., c.l. 100 lbs. 5.25 - —
l.c.l., 5 or more 100 lbs. 5.50 - —
1-4 100 lbs. 6.00 - —

Sulphocarbolate, cs lb. .27 - .28
Sulphocyanide, dms., cns lb. .28 - .47

Sulphoricinoleate, bbls lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs lb. 1.30 - 1.40
tech., kgs lb. .85 - .90

Solvent naphtha, high-flash, dms., works, frt. equald. gal. .26 - —
tanks, same basis gal. .21 - —
Water-white, dms., works gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works gal. .30 - —

Sorbitol, com'l, syrup, dms., basis sorbitol cont., works lb. .25 - —

Sparteine sulphate, cns oz. 1.10 - 1.15

Spearmint leaves, bls lb. .24 - .25

Spikenard root, bls lb. .09 - .10

Spruce extract, bbls., works lb. .01¼- —
tanks, works lb. .01 - —
powd., bgs lb. .04 - —
super, bbls., works lb. .01¾- —
tanks, works lb. .01½- —

Squawvine leaves, bls lb. .14 - .15

Squill, red, bls lb. .14 - .15
White, bls lb. .07 - .08
powd., bbls., bxs lb. .14 - .15

St. Ignatius beans, bgs lb. .45 - .50

St. John's bread, bls lb. .08 Nom

Starch, corn, pearl, bgs. 100 lbs. 3.69 - 3.89
powd., bgs 100 lbs. 3.81 - 4.01

Iodide, bots lb. 1.67 - 1.92

Potato, dom., bgs lb. .04½- .05¼
import, bgs lb. .05¾- .06
Rice, bbls lb. .07¼ Nom.
Wheat, bgs lb. .06¼- .06¾

Stavesacre seed, bgs lb. .35 - .40

Stearin, oleo, bbls lb. .10 - .10¼

Stillingia root, bls lb. .07 - .08

Stonecrot, bls lb. .06¼- .07

Storax, cs lb. .25 - .26

Stramonium leaves, bls lb. .07 - .08
Seed, bgs lb. .09 - .10

Strontium bromide, bbls lb. .50 - .51
Carbonate, pure, bbls lb. .30 - .31
Iodide, jars lb. 2.80 - 2.85
Nitrate, dom., works, bbls lb. .08 - .09
import., cks lb. .08 - .09

Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50

Strychnine, cryst., cns oz. .48 - .51
powd., cns oz. .38 - .41
Acetate, cns oz. .64 - —
Arsenate, cns oz. .66 - —
Arsenite, cns oz. .64 - —
Glycerophosphate, cns oz. .65 - —
Hydrochloride, cns oz. .64 - —
Hypophosphite, cns oz. .75 - —
Nitrate, cns oz. .58 - —
Phosphate, cryst., cns oz. .65 - —
Sulphate, cryst., cns oz. .42 - .45
powd., cns oz. .32 - .35

Sucrose octa-acetate, denat. grade, bbls., l.c.l., works lb. .45 - —
tech., bbls., l.c.l., works lb. .40 - —

Sugar coloring, bbls gal. .90 - .95
Milk, bbls., c.l. lb. .13 - —
l.c.l., 10 or over lb. .15 - —
less than 10 lb. .16 - .17

Sulphonethylmethane, kgs lb. 6.75 - 6.80

Sulphonmethane, kgs lb. 5.25 - 5.30

Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton. 18.00 - —
less than 1,000 tons, mines, contracts long ton. 20.00 - —
c.l., spot, nearby, long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton. 25.00 -25.00
Bost., Portland, long ton. 22.50 -25.50
flowers, bgs 100 lbs. 3.00 - 3.75
bbls 100 lbs. 3.35 - 4.10
Ref., broken, bgs 100 lbs. 2.15 - 2.90
bbls 100 lbs. 2.30 - 3.05
flour, com'l, bgs 100 lbs. 1.60 - 2.35
bbls 100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls. 100 lbs. 2.20 - 2.95
heavy, bgs 100 lbs. 2.55 - 3.30
bbls 100 lbs. 2.90 - 3.65
light, bgs 100 lbs. 2.65 - 3.40
bbls 100 lbs. 3.00 - 3.75
roll, bgs 100 lbs. 2.35 - 3.10
bbls 100 lbs. 2.50 - 3.25

Sulphur chloride, dms., works..lb. .03½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots.- jars.....lb. 2.80 - 2.85
Sumac, Sicilian, grd., bgs....ton.62.00 - —
Extract, 42°, bbls.....lb. .04½- .06¼
61°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08½- .09¼
Leaf, Sicilian, bbls.....ton.67.00 Nom.
Sunflower seed, Calif., large, bgs. lb. .07 - .07¼
medium, bgs.....lb. .06½- .07
poultry, bgs.....lb. .05½- .06
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 33-04% 325 mesh, bgs., c.l., mills, ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Import., Canad., bgs., c.l., dlvd. ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.28.00 -35.00
l.c.l., ex whse.....ton.27.50 -33.50
Italian, 1, bgs., ex dock, arrival..ton.78.00 -77.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.70.00 -72.00
ex whse.....ton.75.00 -
Tallow, animal, edible, bbls..lb. .07½ Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works.....lb. .05¾- —
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - —
l.c.l.....lb. .06½- —
50% (43% fat), dms., c.l..lb. .06½- —
l.c.l.....lb. .07 - —
50% (43% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —
Tamarinds, W. I., bbls.....lb. .05½- .06
kegs.....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk....unit-ton. 3.25 & .10
ungr., 10-15%,bulk,unit-ton. 3.00-3.25&.10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.90 & .10
high-grade, feeding, 11-12%, bulk, Chicago...unit-ton. 3.50 & .10
import., S. Amer., bulk, c.i.f. ports, July shipt...unit-ton. 3.00&.10Nom.
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .06½
Tar, pine, retort, bbls.,dlvd. ports gal. .26 - —
dms., c.l.,dlvd. E. cities.gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .26½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .30 - .30½
Terebene, cns.....lb. .70 - .75
Terenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms.....lb. .26 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,workr.lb. .09 - .09½
Tetrachloroethylene, CP, dms.lb. .26 - .26
tech., dms.....lb. .25 - .10½
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11½- .11¾
Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .34 - .34½
Metal, Straits.....lb. .4265- —
Oxide, bbls.....lb. .47 - .49
Tetrachloride, anhyd., bbls..lb. .22½- —
Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal.lb. .17 - —
l.c.l., 5 tons, E., dlvd...lb. .17½- —
Pac. cst., ex whse....lb. .17½- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
50 lbs., E., dlvd.....lb. .18½- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17½- —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
50 lbs., E., dlvd.....lb. .18¾- —
Titanium, pigment, barium base, bgs., c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06½- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse....lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06½- —
Tolidin base, kgs.....lb. .82 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamylamine, dms., l.c.l.,works. lb. 1.25 - —
Trichlorethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .099 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .44½- —
dms., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .04½- —
tech., 1, cns., dlvd.....lb. .23 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .31 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works..lb. .30 - .50
Triphenyl phosphate, dms.....lb. .37 - .39
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 2.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%,dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06¼- .06¾
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .41¼- —
l.c.l., 10, ex dock.....gal. .43¼- —
5, ex dock.....gal. .45¼- —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis.....gal. .38 - —
tanks, dlvd. E. cities...gal. .31 - —
steam-dist.,dms., c.l., dlvd.gal. .41 - —
l.c.l., dlvd.....gal. .44 - —
tanks, dlvd.....gal. .36 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b.Atl. ports. unit-ton. .96 - —
Uva ursi leaves, bls.....lb. .06 - .07

V

Valerian root, USP, bls..... .11 - .12
Valonia, beards, bgs., shipt...ton.60.00 - —
Cups, bgs., shipt.....ton.40.00 -45.00
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.40
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins,100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.25
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs., lots of 5.....lb. .20 - —
less than 5.....lb. .21 - —
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.27.00 -29.00
Extract, 60°, bbls.....lb. .03¾- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs, cs. 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25
Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Wax, candelilla, bgs., 1 ton...lb. .14 - .14½
jobbing lots.....lb. .14½- .15
Carnauba, chalky 3, bgs., 1 ton. lb. .34 - .35
5 bgs.....lb. .34½- .35½
1 bg.....lb. .35 - .36
N. C. 2, bgs.....lb. .38 - .39
N. C. 3, bgs, 1 ton.....lb. .34½- .35½
5 bgs.....lb. .35 - .36
1 bg.....lb. .35½- .36½
refd., bgs.....lb. .38 - .39
yellow, 1, bgs., 1 ton.....lb. .45 - .46
5 bgs.....lb. .45½- .46½
1 bg.....lb. .46 - .47
yellow 2, bgs.....lb. .44 - .45
Ceresin, dom., 138°-140° m.p. bgs, 1 ton..lb. .08 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .43 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton.lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .45 - —
Wax, ceresin, yellow, natural, 176° m.p., bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .08¼- .08¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11½
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .26 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .24
cakes, cs.....lb. .23 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib, dms..lb. 1.46 - —
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -12.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -23.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to 43 per ton..ton.10.00 - —
99.75% 200 mesh, bgs.,c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-98% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .05½
rossed, green, bls.....lb. .08 - .08½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 — .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock.ton.25.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .49 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. .90 - .95
Yellow, bbls., works.....lb. .90 - —
Yellow, chrome, CP, bbls., dlvd. N of Tenn. and N.C., E of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul. contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Sulphur Chloride—Zinc Oxide

Yellow, Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02¾- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles.lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .03225- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .05¾- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, N. Y.....lb. .02¾- —
S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco,Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03¾- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03½- —
f.o.b. Bethlehem, Easton..lb. .03¼- —
N.Y., from dock...lb. .02¾- —
from whse.....lb. .03½- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Yellow Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers.....lb. .09¾- .12¾
jobbers, E. of Rockies.lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10½- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .31 - .32
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, bbls., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0680- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0755- —
less than 10,000 lbs., dlvd. lb. .0805- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse.,Pac.cst..lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 5%, 25%, 50%, bgs., c.l., dlvd..lb. .04½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
green seal, bgs, c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05¾- —
ex whse., Pac. cst. lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06 - —
ex-whse.,Pac. cst.lb. .06 - —

PIGMENT BEHAVIOR

Glyptal resin solutions tolerate practically all commonly used pigments. No need for extra precaution in selecting your pigments when Glyptal is used. You can employ the desirable properties of basic pigments in your enamels produced with Glyptal. A single trial will convince you of the superiority of Glyptal. Standardize on it for excellent behavior with pigments.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT
GENERAL ELECTRIC COMPANY
BRIDGEPORT, CONN.

Zinc, oxide, pigment, dom., French process, white seal, bgs, c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd. except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07 -	—
ex-whse., Pac. cst.	lb.	.07 -	—
import., gold seal, csk., ex dock	lb.	.10¾-	.11½
green seal, bbls., 1-15 tons, ex dock	lb.	.07½-	.09¾
ex whse.	lb.	.07¾-	.09¾
red seal, bbls., 1-15 tons, ex dock	lb.	.08¾-	—
ex whse.	lb.	.09 -	—
white seal, cks., lots of 3, ex dock	lb.	.09¾-	—
ex whse.	lb.	.10 -	—
smaller lots, ex dock	lb.	.10 -	—
ex whse.	lb.	.10¼-	—
USP, bbls., c.l.	lb.	.08 -	—
l.c.l.	lb.	.08¼-	—
Palmitate, bbls.		.22 -	.28
Resinate, fused, pale, bbls.	lb.	.09 -	.10
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.19 -	—
l.c.l., 1 ton	lb.	.20 -	—
1,000-2,000 lbs.	lb.	.21 -	—
less than 1,000 lbs.	lb.	.22 -	—
USP, bbls.	lb.	.20 -	.28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.95 -	—
l.c.l.	100 lbs.	3.15 -	—
bbls., c.l.	100 lbs.	2.80 -	—
l.c.l.	100 lbs.	3.30 -	—
flake, bgs., c.l.	100 lbs.	3.05 -	—
l.c.l.	100 lbs.	3.55 -	—
bbls., c.l.	100 lbs.	3.20 -	—
l.c.l.	100 lbs.	3.70 -	—
powd., bgs., c.l.	100 lbs.	4.35 -	—
l.c.l.	100 lbs.	4.85 -	—
bbls., c.l.	100 lbs.	4.50 -	—
l.c.l.	100 lbs.	5.00 -	—
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.10½-	—
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst.	lb.	.11 -	—
1 ton, same basis	lb.	.11¼-	—
smaller lots, same basis	lb.	.11½-	—
bbls., c.l. (20 tons), dlvd.	lb.	.10¾-	—
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst.	lb.	.11¼-	—
1 ton, same basis	lb.	.11½-	—
smaller lots, same basis	lb.	.11¾-	—
Sulphocarbolate, NF, bbls.	lb.	.24 -	.26
Zinc-ammonia chloride, cks.	lb.	.0460-	.05
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.03¾-	—
l.c.l., dlvd. except Pac. cst.	lb.	.04¼-	—
ex whse., Pac. cst.	lb.	.04¼-	—
Zirconium nitrate, kgs., works	lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works	ton.	75.00 -	100.00
kgs., small lots, works.	lb.	.04¾-	.04½
white, 99%, grd., kgs., works.	lb.	1.40 -	1.50

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works.	lb.	.16 -	—
Amberol, B/S 1, dark, bbls., c.l., works.	lb.	.13 -	—
l.c.l., works	lb.	.14 -	.14½
extra light, bbls., c.l., works.	lb.	.14½-	—
l.c.l., works	lb.	.15½-	.16
light, bbls., c.l., works	lb.	.13¾-	—
l.c.l., works	lb.	.14¾-	.15½
F-7, dark, bbls., c.l., works.	lb.	.14¾-	—
l.c.l., works	lb.	.15¾-	.16¼
extra light, bbls., c.l., works.	lb.	.16¼-	—
l.c.l., works	lb.	.17¼-	.17¾
light, bbls., c.l., works	lb.	.15½-	—
l.c.l., works	lb.	.16½-	.17
K-12-A, bbls., c.l., works	lb.	.15¼-	—
l.c.l., works	lb.	.16¼-	.16¾
109, extra light, dms., c.l., works.	lb.	.12 -	—
l.c.l., works	lb.	.13 -	.13½
light, dms., c.l., works	lb.	.11¼-	—
l.c.l., works	lb.	.12¼-	.13
226, dms., c.l., works	lb.	.26 -	—
l.c.l., works	lb.	.28 -	.29
801, extra light, bbls., c.l., works.	lb.	.13¼-	—
l.c.l., works	lb.	.13¾-	.14
light, bbls., c.l., works	lb.	.13 -	—
l.c.l., works	lb.	.13½-	.13¾

B

Bakelite, BR, 254, dms., 30,000 lbs., works.	lb.	.48 -	—
15,000 lbs., works	lb.	.49 -	—
5,000 lbs., works	lb.	.50 -	—
802, dms., 30,000 lbs., works.	lb.	.26 -	—
15,000 lbs., works	lb.	.26½-	—
5,000 lbs., works	lb.	.27 -	—
1329, dms., 30,000 lbs., works.	lb.	.32 -	—
15,000 lbs., works	lb.	.33 -	—
5,000 lbs., works	lb.	.34 -	—
2072, dms., 30,000 lbs., works.	lb.	.23 -	—
15,000 lbs., works	lb.	.23½-	—
5,000 lbs., works	lb.	.24 -	—
2963, dms., 30,000 lbs., works.	lb.	.24 -	—
15,000 lbs., works	lb.	.24½-	—
5,000 lbs., works	lb.	.25 -	—
3360, dms., 30,000 lbs., works.	lb.	.45 -	—
15,000 lbs., works	lb.	.46 -	—
5,000 lbs., works	lb.	.47 -	—
4036, dms., 30,000 lbs., works.	lb.	.40 -	—
15,000 lbs., works	lb.	.41 -	—
5,000 lbs., works	lb.	.42 -	—
6717, dms., 30,000 lbs., works.	lb.	.28 -	—
15,000 lbs., works	lb.	.29 -	—
5,000 lbs., works	lb.	.30 -	—
6769, dms., 30,000 lbs., works.	lb.	.33 -	—
15,000 lbs., works	lb.	.34 -	—
5,000 lbs., works	lb.	.35 -	—
6882, dms., 30,000 lbs., works.	lb.	.44 -	—
15,000 lbs., works	lb.	.45 -	—
5,000 lbs., works	lb.	.46 -	—
XJ, 2681, dms., 30,000 lbs., works.	lb.	.21½-	—
15,000 lbs., works	lb.	.22 -	—
5,000 lbs., works	lb.	.22½-	—
XR, 2175, dms., 30,000 lbs., works.	lb.	.23 -	—
15,000 lbs., dms., works.	lb.	.23½-	—
5,000 lbs., dms., works.	lb.	.24 -	—
2987, dms., 30,000 lbs., works.	lb.	.32 -	—
15,000 lbs., works	lb.	.33 -	—
5,000 lbs., works	lb.	.34 -	—
3180, dms., 30,000 lbs., works.	lb.	.59 -	—
15,000 lbs., works	lb.	.60 -	—
5,000 lbs., works	lb.	.61 -	—
Beckacite, 1100, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l., dlvd.	lb.	.16½-	.17½
1101, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15½-	.16½
1102, dms., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14½-	.15½
1106, dms., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14½-	.15½
1110, dms., c.l., dlvd.	lb.	.12½-	—
l.c.l., dlvd.	lb.	.13½-	.14½
1111, dms., c.l., dlvd.	lb.	.12½-	—
l.c.l., dlvd.	lb.	.13½-	.14½
1112, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l., dlvd.	lb.	.16½-	.17½
1113, dms., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd.	lb.	.12½-	.13½
Beckacite, 1114, dms., c.l., dlvd.	lb.	.10½-	—
l.c.l., dlvd.	lb.	.11½-	.12½
Super, 1001, bbls., c.l., dlvd.	lb.	.40½-	—
l.c.l., dlvd.	lb.	.41½-	.42½
1003, bbls., c.l., dlvd.	lb.	.30½-	—
l.c.l., dlvd.	lb.	.31½-	.32½
2000, bbls., c.l., dlvd.	lb.	.30½-	—
l.c.l., dlvd.	lb.	.31½-	.32½
2050, bbls., c.l., dlvd.	lb.	.23½-	—
l.c.l., dlvd.	lb.	.24½-	.25½
Beckolin, dark, bbls., c.l., dlvd.	lb.	.10½-	—
l.c.l., dlvd.	lb.	.11½-	.12½
light, bbls., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14½-	.15½
Beckopol, 1400, dms., c.l., dlvd.	lb.	.21½-	—
l.c.l., dlvd.	lb.	.22½-	.23½
Beckosol, solid, 1, dms., c.l., dlvd.	lb.	.24½-	—
l.c.l., dlvd.	lb.	.25 -	.25½
3, dms., c.l., dlvd.	lb.	.23½-	—
l.c.l., dlvd.	lb.	.24 -	.24½
7, dms., c.l., dlvd.	lb.	.25½-	—
l.c.l., dlvd.	lb.	.26 -	.26½
13, dms., c.l., dlvd.	lb.	.25½-	—
l.c.l., dlvd.	lb.	.26 -	.26½
15, dms., c.l., dlvd.	lb.	.18½-	—
l.c.l., dlvd.	lb.	.19 -	.19½
19, dms., c.l., dlvd.	lb.	.23½-	—
l.c.l., dlvd.	lb.	.24 -	.24½
31, dms., c.l., dlvd.	lb.	.25½-	—
l.c.l., dlvd.	lb.	.26 -	.26½
solution, 1, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	.15½
2, dms., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14 -	.14½
1303, dms., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14 -	.14½
1307, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l., dlvd.	lb.	.16 -	.16½
1308, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	.15½
1313, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	.15½
1316, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l., dlvd.	lb.	.16 -	.16½
1318, dms., c.l., dlvd.	lb.	.19½-	—
l.c.l., dlvd.	lb.	.20 -	.20½
1319, dms., c.l., dlvd.	lb.	.16½-	—
l.c.l., dlvd.	lb.	.17 -	.17½
1320, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	.15½
1323, dms., c.l., dlvd.	lb.	.16½-	—
l.c.l., dlvd.	lb.	.17 -	.17½
1324, dms., c.l., dlvd.	lb.	.27½-	—
l.c.l., dlvd.	lb.	.28 -	.28½
1325, dms., c.l., dlvd.	lb.	.12½-	—
l.c.l., dlvd.	lb.	.13 -	.13½
1326, dms., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	.15½
1329, dms., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd.	lb.	.12 -	.12½
1331, dms., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd.	lb.	.14 -	.14½
Bronze gum, 1, dms., works.	lb.	.11 -	—
3, dms., works.	lb.	.09 -	—

C

Cumar, AX, dms., works.	lb.	.05 -	.06
BX, dms., works.	lb.	.05 -	.06
CX, dms., gross weight, works.	lb.	.03 -	.04
DX, dms., gross weight, works.	lb.	.03 -	.04
EX, dms., gross weight, works.	lb.	.03 -	.04
FX, dms., gross weight, works.	lb.	.03½-	.04½
MH, col. ½, dms., works.	lb.	.09¾-	.10¾
1, dms., works	lb.	.09 -	.10
1½-2, dms., works	lb.	.08¼-	.09¼
2½ and darker, dms., works.	lb.	.07½-	.08½
MS, dms., works	lb.	.08 -	.09
P, 10°-90° C., above col. 3, dms., works.	lb.	.08½-	.09¼
RH, dms., works	lb.	.08 -	.09
RS, dms., works	lb.	.08 -	.09
special soft, dms., works.	lb.	.08 -	.09
V, col. ½, dms., work	lb.	.09¾-	.10¾
1, dms., works	lb.	.09 -	.10
1½-2, dms., works	lb.	.08¼-	.09¼
2½ and darker, dms., works.	lb.	.07½-	.08½
W, col. ½, dms., works.	lb.	.10¾-	.11¾
1, dms., works	lb.	.10 -	.11
1½-2, dms., works	lb.	.09¼-	.10¼
2½ and darker, dms., works.	lb.	.08½-	.09½

Cumar prices include frt. equald.; prices at left are for 6-mos. firm contracts for 50,000 lbs. or more; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. firm contracts less than 25,000 lbs., add ¾c.; prices at right are on open order.

D

Duraplex, A-22, dms., 3,700 gals.	lb.	.17 -	—
500-3,700 gals.	lb.	.18 -	—
smaller lots.	lb.	.18½-	—
A-26, dms., 3,700 gals.	lb.	.16¾-	—
500-3,700 gals.	lb.	.17¾-	—
smaller lots, gal.	lb.	.18½-	—
B-37-MT, dms., 3,700 gals.	lb.	.14 -	—
500-3,700 gals.	lb.	.14¾-	—
smaller lots.	lb.	.15¼-	—
B-37-X, dms., 3,700 gals.	lb.	.16¾-	—
500-3,700 gals.	lb.	.17¾-	—
smaller lots.	lb.	.18¼-	—
C-68, dms., 3,700 gals.	lb.	.19¼-	—
500-3,700 gals.	lb.	.20¼-	—
smaller lots.	lb.	.21 -	—
C-40, dms., 3,700 gals.	lb.	.15 -	—
500-3,700 gals.	lb.	.16 -	—
smaller lots.	lb.	.16½-	—
C-45, dms., 3,700 gals.	lb.	.14¾-	—
500-3,700 gals.	lb.	.15¾-	—
smaller lots.	lb.	.16¼-	—
C-45-LV, dms., 3,700 gals.	lb.	.20½-	—
500-3,700 gals.	lb.	.22¼-	—
smaller lots.	lb.	.23¼-	—
C-50, dms., 3,700 gals.	lb.	.14½-	—
500-3,700 gals.	lb.	.15½-	—
smaller lots.	lb.	.16 -	—
C-50-LV, dms., 3,700 gals.	lb.	.20¼-	—
500-3,700 gals.	lb.	.22 -	—
smaller lots.	lb.	.23 -	—

Duraplex prices are E. of Miss. R., f.o.b. works, regular frt. alld. to dest.; to other points, frt. alld., add: For Ark., Dallas, Houston, Ia., Kan., Minn., Mo. (except St. Louis), Neb., N. D., S. D., c.l. ½c. per lb.; l.c.l., ¾c.; for shipments to points in Calif., Ore., and Wash. (by water), c.l., ¾c.; l.c.l., 1¼c.; for shipments to Colo. and Texas (except Dallas and Houston), c.l., 1c.; l.c.l., 2c.

Dures, 210, dms., c.l., works.	lb.	.15 -	—
l.c.l., works.	lb.	.15½-	.16½
500, pale, dms., c.l., works.	lb.	.35 -	—
l.c.l., works.	lb.	.36 -	.38
525, dark, dms., c.l., works.	lb.	.25 -	—
l.c.l., works.	lb.	.26 -	.28
550, very pale, dms., c.l., works.	lb.	.45 -	—
l.c.l., works.	lb.	.46 -	.48
Dures prices, ex whse. Pac. cst., are 2c. higher.			
Durite, 1,301 dms., 1 ton, frt. alld.	lb.	.30 -	—
smaller lots, frt. alld.	lb.	.35 -	—

E

Esterol, solid, A, dms.	lb.	.25 -	—
B, dms.	lb.	.25 -	—
D, dms.	lb.	.25 -	—
PV, dms.	lb.	.25 -	—
1 L, dms.	lb.	.25 -	—
2 LB, dms.	lb.	.24 -	—
2 N, dms.	lb.	.23 -	.25
2 P10, dms.	lb.	.24 -	—
2 R, dms.	lb.	.23 -	.25

F

Flat gum, 1, dms., works.	lb.	.14½-	—

G

Gual-a-phene, 10-gal. cns., works	gal.	2.57 -	—
5-gal. cns., works.	gal.	2.62 -	—
1-gal. cns., works.	gal.	2.82 -	—
dms., works.	gal.	2.50 -	—

H

Hercolyn, dms. (nonreturnable), works.	lb.	.22 -	—

I

Imperial gum, BK, dms., 75,000 lbs., works.	lb.	.07¾-	—
10,000-74,999 lbs., works.	lb.	.07¾-	—
smaller lots, works.	lb.	.08¼-	.08¾
X, pale, or hard, pale, dms., 75,000 lbs., works.	lb.	.07¾-	—
10,000-74,999 lbs., works.	lb.	.07¾-	—
smaller lots, works.	lb.	.08¼-	.08¾
8, 8H, 8L, dms., 75,000 lbs. works.	lb.	.07¾-	—
10,000-74,999 lbs., works.	lb.	.07¾-	—
smaller lots, works.	lb.	.08¼-	.08¾
18-20, dms., 75,000 lbs., works.	lb.	.07¾-	—
10,000-74,999 lbs., works.	lb.	.07¾-	—
smaller lots, works.	lb.	.08¼-	.08¾
45, dms., 75,000 lbs., works.	lb.	.07¾-	—
10,000-74,999 lbs., works.	lb.	.07¾-	—
smaller lots, works.	lb.	.08¼-	.08¾
100, dms., 75,000 lbs., works.	lb.	.06¾-	—
10,000-74,999 lbs., works.	lb.	.07¼-	—
smaller lots, works.	lb.	.07¾-	.07¾

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, blue, or red label, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd. E. of Rockies.	lb.	.05¼-	—
Pac. cst., ex whse.	lb.	.05¼-	—
bbls., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd. E. of Rockies.	lb.	.05¼-	—
Pac. cst., ex whse.	lb.	.05¼-	—
Kopol, 500, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.12¼-	—
l.c.l., dlvd.	lb.	.13¼-	.14½
501, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.10½-	—
l.c.l., dlvd.	lb.	.11½-	.12½
502, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.09½-	—
l.c.l., dlvd.	lb.	.10½-	.11½

L

Lewisol, 1, dms., c.l., works.	lb.	.13¼-	—
l.c.l., works.	lb.	.13½-	.14
2, dms., c.l., works.	lb.	.15¼-	—
l.c.l., works.	lb.	.15½-	.16
3, dms., c.l., works.	lb.	.20¼-	—
l.c.l., works.	lb.	.20½-	.21
18, dms., c.l., works.	lb.	.10¾-	—
l.c.l., works.	lb.	.11 -	.11½
115, dms., c.l., works.	lb.	.11¼-	—
l.c.l., works.	lb.	.11½-	.12
120, dms., c.l., works.	lb.	.13¼-	—
l.c.l., works.	lb.	.13½-	.14
125, dms., c.l., works.	lb.	.11¼-	—
l.c.l., works.	lb.	.11½-	.12
150, dms., c.l., works.	lb.	.17¼-	—
l.c.l., works.	lb.	.17½-	.18
Locto, 545, bbls. works.	lb.	.43 -	.45
2102, bbls., works.	lb.	.28 -	.30

N

Nevillac, dms., works.	lb.	.14 -	.15

Nevillac prices include frt. equald.; prices left are for 6-mos. firm contracts for 50,000 lbs. or over; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. contracts, less than 25,000 lbs., add ¾c.; prices at right are on open order.

Neville resin, R-3, nevindene, col. 1, dms., works.	lb.	.10 -	.11
R-5, nevindene, col. 1½-2, dms., works.	lb.	.09¼-	.10¼
R-6, nevindene, col. 2½ and darker, dms., works.	lb.	.08½-	.09½
R-7, N.P.S., col. below 3, dms., works.	lb.	.10 -	.11
R-8, N.P.S., col. below 3, dms., works.	lb.	.10½-	.11½
R-10, hard, col. 1, dms., works.	lb.	.09 -	.10
R-11, hard, col. 1½-2, dms., works.	lb.	.08¼-	.09¼
R-12, hard, col. 2½ and darker, dms., works.	lb.	.07½-	.08½
R-14, medium, col. 1, dms., works.	lb.	.09 -	.10
R-15, medium, col. 1½-2, dms., works.	lb.	.08¼-	.09¼
R-16, medium, col. 2½ and darker, dms., works.	lb.	.07½-	.08½
R-17, medium soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-19, medium soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-21, soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-22, special, soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-28, medium soft, col. 1½-2, dms., works.	lb.	.09¼-	.10¼
R-29, medium soft, col. 2½ and darker, dms., works.	lb.	.08½-	.09¼
R-41, phenester, col. 3½-5, dms., works.	lb.	.15 -	.16

Neville resin prices are on same basis as those for Nevillac.

Nuodex drier, liquid, cobalt, 4%, dms., dlvd.	lb.	.20 -	—
6%, dms., dlvd.	lb.	.23½-	.25½
lead, 16%, dms., dlvd.	lb.	.12 -	.14
24%, dms., dlvd.	lb.	.18 -	.19
manganese, 4%, dms., dlvd.	lb.	.12 -	.13
6%, dms., dlvd.	lb.	.14 -	.15
zinc, 8%, dms., dlvd.	lb.	.17 -	.18
solid, cobalt, 12%, dms., dlvd.	lb.	.46 -	—
lead, 40%, dms., dlvd.	lb.	.28 -	—
manganese, 11%, dms., dlvd.	lb.	.25 -	—
zinc, 12%, dms., dlvd.	lb.	.26 -	—

Zinc Oxide—Varcum

O

Oilsolate drier, solid, cobalt, 10.5-11.5%, dms., works.	lb.	.80 -	.84
lead, 31-33%, dms., works.	lb.	.42 -	.46
manganese, 10.5-11.5%, dms., works.	lb.	.58 -	.62
solution, 2A, cobalt, 2.9-3.1%, dms.	lb.	.24 -	.27
lead, 19.5-20.5%, dms., works.	lb.	.27 -	.30
manganese, 2.9-3.1%, dms., works.	lb.	.15 -	.18
X, cobalt, 2.9-3.1%, dms., works.	lb.	.18 -	.21
lead, 19.5-20.5%, dms., works.	lb.	.20 -	.23
manganese, 2.9-3.1%, dms., works.	lb.	.12 -	.15

P

Para-dura, C, bbls.	lb.	.30 -	.35
10 P, bbls.	lb.	.55 -	.60
10 R, bbls.	lb.	.50 -	.55
46, bbls., c.l.	lb.	.26 -	—
l.c.l.	lb.	.26½-	.28
Paramet ester, extra hard, dms., 75,000 lbs., dlvd.	lb.	.08¼-	—
10,000-74,999 lbs., dlvd.	lb.	.08¾-	—
smaller lots, dlvd.	lb.	.08¾-	.08¾
Paranol, extra hard, dark, bbls., c.l., works.	lb.	.14¾-	—
l.c.l., works.	lb.	.15¼-	.16
extra light, bbls., c.l., works.	lb.	.16¾-	—
l.c.l., works.	lb.	.17¼-	.18
light, bbls., c.l., works.	lb.	.15¾-	—
l.c.l., works.	lb.	.16¼-	.17
hard, dark, bbls., c.l., works.	lb.	.13¼-	—
l.c.l., works.	lb.	.13¾-	.14½
extra light, bbls., c.l., works.	lb.	.15¼-	—
l.c.l., works.	lb.	.15¾-	.16½
light, bbls., c.l., works.	lb.	.14¼-	—
l.c.l., works.	lb.	.14¾-	.15½
LB, bbls., c.l.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
100, bbls.	lb.	.18 -	—
500, extra hard, bbls., c.l.	lb.	.20 -	—
hard, bbls., c.l.	lb.	.18 -	—
Paraplex, RG-2 (60%), dms., c.l., works.	lb.	.28 -	—
l.c.l., works.	lb.	.29 -	.30
RG-7, dms., c.l., works.	lb.	.24 -	—
l.c.l., works.	lb.	.25 -	.26
5-B (80%), dms., c.l., works.	lb.	.18 -	—
l.c.l., works.	lb.	.18½-	.19
Pliolite, milled, dms., 1 ton, works.	lb.	.75 -	—
smaller lots, works.	lb.	.79 -	—
unmilled, dms., 1 ton, works.	lb.	.66 -	—
smaller lots, works.	lb.	.69 -	—

S

Soligen drier, liquid, cobalt 6%, dms., 10, works.	lb.	.23½-	—
less than 10, works.	lb.	.25½-	—
lead, 16%, dms., 10, works.	lb.	.12 -	—
less than 10, works.	lb.	.14 -	—
25%, dms., 10, works.	lb.	.19 -	—
less than 10, works.	lb.	.21 -	—
manganese, 6%, dms., 10, works.	lb.	.14 -	—
less than 10, works.	lb.	.16 -	—
zinc, 7%, dms., 10, works.	lb.	.18 -	—
less than 10, works.	lb.	.20 -	—
solid, cobalt, dms., 10, works.	lb.	.45 -	—
less than 10, works.	lb.	.47 -	—
solid, lead, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
lead-cobalt, dms., 10, works,	lb.	.29 -	—
less than 10, works.	lb.	.31 -	—
lead-cobalt-manganese, dms., 10, works.	lb.	.30 -	—
less than 10, works.	lb.	.32 -	—
lead-manganese, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
manganese, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs.	ton.	35.00 -	—

V

Varcum, 250, dms., 25, works.	lb.	.42 -	—
less than 25, works.	lb.	.43 -	.44
250 F, dms., 25, works.	lb.	.44 -	—
less than 25, works.	lb.	.45 -	.46
365, dms., 25, works.	lb.	.25 -	—
less than 25, works.	lb.	.26 -	.27
700, dms., 25, works.	lb.	.30 -	—
less than 25, works.	lb.	.31 -	.32

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or co-operative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Caustic soda and rosin:—Agency, Bahia, Brazil (1265).

Chemicals, industrial, including organic and inorganic acids, alkalies and salts; pigments, castor oil, pharmaceuticals, sulphonated oils, naphthalene, and anilin salt:—Agency, Istanbul, Turkey (1266).

Lubricating greases:—Purchase, Kuala Lumpur, Federated Malay States (1259).

Pearl essence and paste:—Purchase, Jablonec, Czecho-slovakia (1278).

Toilet preparations and perfumes:—Agency, London, England (1234).

Bromine Output Up 7%

Production of bromine in the United States in 1935 amounted to 16,428,533 pounds, valued at $3,483,239, compared with 15,344,290 pounds valued at $3,227,425 in 1934, according to a report of the United States Bureau of Mines. Imports of ethylene dibromide in 1935 amounted to 477,005 pounds valued at $89,810, compared with 649,987 pounds valued at $143,164 imported in 1934. Imports of potash bromide amounted to 8,910 pounds valued at $2,904 against 4,410 pounds valued at $1,047 in the previous year. There were also imported in 1935 2,000 pounds of soda bromide valued at $530 and 5,310 pounds of other bromine compounds valued at $8,664, and 22 pounds or raw bromine valued at $22.

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There are seventy-three Federal administrative agencies which exercise judicial functions. Their functioning in this respect is applicable to more than two hundred classes of cases. The number of major agencies in which judicial and administrative functions are more or less intimately mixed is, of course, far less, because there are in certain departments a number of variously purposed units which have the duty of judicially determining many matters. This adds to the confusion that is inseparable from the amalgamating of functions which must often be at cross-purposes.

Administrative Court Needed

That the number of judicially functioning administrative agencies is large is sufficient reason for welcoming the proposal that their duties be centralized in an administrative court. A stronger reason is that the judicial functions of these agencies in many instances have chiefly to do with the administrative functions of themselves or those of closely allied bureaus in the same major unit. Even the most ardent advocate of self-regulation must admit that it is not to be expected that full justice will invariably be exercised when adjudication of an issue is left in the hands of an intimately interested party.

Those whose affairs quite frequently and more or less necessarily are subjected to judicial determination in connection with the application of a governmental administrative function will find much of interest and more than a little to commend in the proposal that a Federal court be created with comprehensive powers of administrative review. They will be particularly attracted by that part of the proposal which would provide review of findings of fact, as well as of points of law.

One of the greatest needs of civilization is a better system of ascertaining facts. Legal technicalities are sometimes convenient loopholes. They can also be inconveniencing obstacles. When they are the decisive factor, a matter is never settled, a reliable precedent is never established. Facts are solid things, as well as stubborn things. They are basic—when they are not mere masqueraders. Centralization, even co-ordination, of the many agencies now finding actual or convenient facts would be widely useful. A fact-judging agency would fill a big void.

In connection with its proposal that a Federal administrative court be created, a special committee of the American Bar Association makes a thought - compelling suggestion with respect to the functioning of the Federal Trade Commission. In short, the A.B.A. group would convert the commission into a legislative body.

Lawmaking By Regulation

The Federal Trade Commission is now a combination administrative and judicial agency, doubly compounded in the latter respect as prosecutor and court. Simplification of its functioning in almost any manner is desirable for numerous reasons. To convert it into a quasi-legislature would not be the least improvement that might be accomplished in this direction.

While the bogey of unconstitutionality looms and glooms large in the path of the A.B.A. committee's suggestion, it is only an inflation of that which, not always successfully, greets every suggestion in a congressional bill that some one or other governmental agency be given power to make regulations for the administration of the proposed law. Administrative regulations, properly constructed under the defined purpose, are helpful to an understanding of a regulatory law. In truth, they are essential thereto. The objectionable aspect of the matter is that adequate provision is not always made to assure that the making of regulations will be confined to the purposes of the supposedly controlling statute.

Explanatory and definitive regulations are the sort of "laws" that the Federal Trade Commission would enact if it were empowered in accordance with the suggestion of the A.B.A. committee. It would, for example, determine by hearing and declare that certain trade practices constituted unfair competition within the meaning of the statutes under which it functions. These "laws" would be subject to judicial enforcement in the manner of acts of Congress.

The commission now does about the same thing that is suggested. It goes about the doing in a different manner. The trouble is that it now concentrates its efforts on making individuals conform to its "laws." Under the proposed plan of operation it would advise industries on what they could not do. Perhaps it would retain the right to complain to the courts when it had reason to believe that its advice was being disregarded.

The idea is deserving of thought. Doubtless the fact that it got some thought will come out in proposed legislation in Congress. As these proposals are not always in keeping with the professed purpose, it will be well that the matter have consideration by the laity meanwhile.

—O-P-D—

The need for a government legal adviser for business, a sort of public counselor, has been set forth on several occasions in these columns. The complexities and confusions of the Robinson-Patman amendment to the Clayton act emphasize this need; in fact, they make it so clear that a general agitation that something be done about it is definitely in order.

Legal Counsel From F.T.C.

It is doubtful that even the Supreme Court of the United States would be ready to declare that the creation of a Federal agency of legal advice could be constitutionally consummated. This is but one more reason to believe that the interpretation, if not the language, of the constitution requires modernization. There are many governmental agencies—they antedate the "New Deal"—the need for which was not foreseen when the constitution was drafted and for which no definite provision was at that time made. These agencies have justified their extra-constitutional creation. It cannot be questioned that the creation of an office of public counselor would likewise be evidence that some political wisdom has been acquired since 1787.

A movement has been set on foot to get the Federal Trade Commission to act as a legal adviser for business in respect of the Robinson-Patman amendment. The Toilet Goods Association is reviving its request for a trade practice conference with the commission with the primary purpose of getting approval of a set of trade rules that will interpret the recent extension of the Clayton act.

It might have been better to keep the purpose of this request a secret. The commission is likely to be somewhat wary about being "put on the spot," although it is a judicial, as well as an administrative, body. In a recent circular the commission to an extent anticipated requests that it accept the role of legal adviser under the Robinson-Patman amendment when it said:—

> The fact that the commission is required to follow certain formal procedure prescribed in the act before it can say whether the act has been violated makes it impracticable for the commission to express informal opinions upon the legal status of matters presented on the basis of hypothetical or ex parte statements of fact.

While this closes the door, it does not lock it. Matters adduced in the form of trade practice rules need not be hypothetical. The opinion requested would be a formal, rather than an informal, one. Furthermore the commission may be expected to perceive a means of getting more support for its desire to handle the regulation of advertising of cosmetics.

—O-P-D—

Twenty-three years ago the OIL, PAINT AND DRUG REPORTER commenced the publication of the Green Book, a directory of sources of supplies of chemicals, oils, and drugs as industrial materials and commodities of trade. The Green Book has been published continuously since 1913. The latest edition is now being distributed.

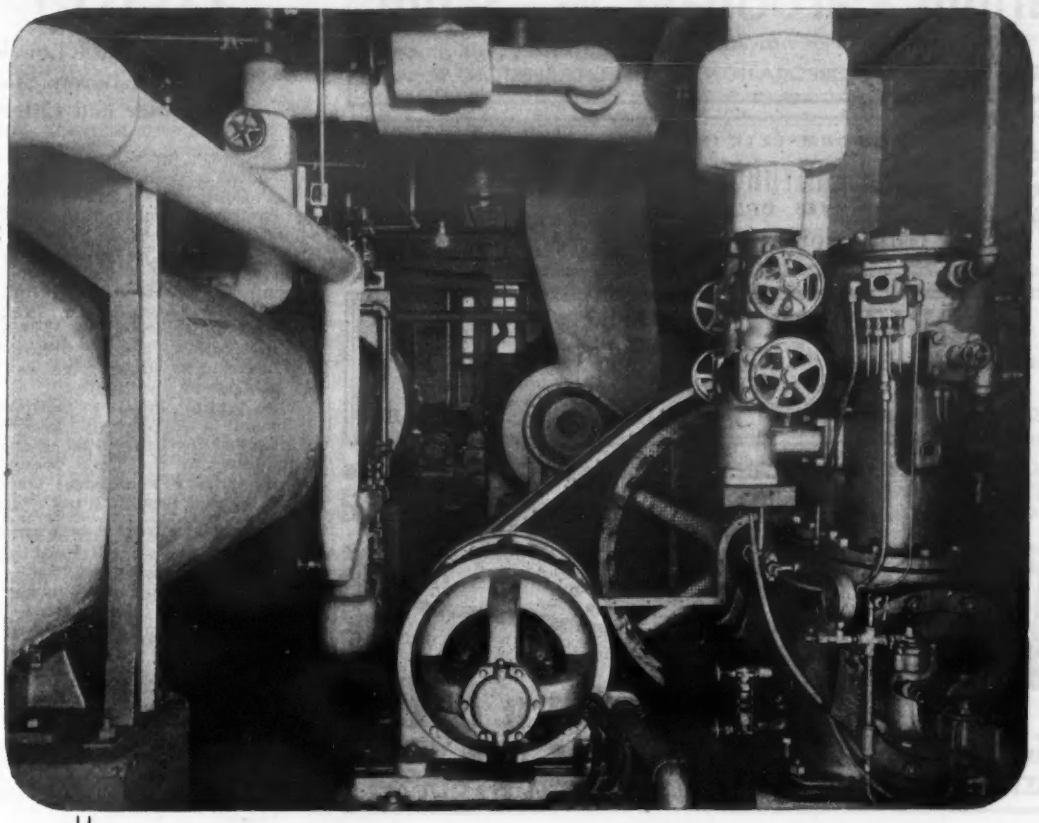
Green Book Is Bigger

Much water has had bridges built over it since 1913, and very much water has flowed through the chemical plants of the world in the past twenty-three years. In various ways this industrial flow of water has wrought changes in the variety of chemical materials and in the complexion of the market sources of these and related articles.

It has been the endeavor in the Green Book to keep pace with this development in the chemical industry, and also with those which have been based on the utilization of air, of coal, of wood, of all sorts of raw materials. The measure of the complex and widespread progressive movement has been intimately reflected in the growth of the Green Book.

Although there have been some deletions of listings the new edition of the Green Book is the largest. It has 900 pages. In part this expansion is the result of the addition of a new department comprising trade-names and brand-names of chemical, oil, and drug industrial materials.

The Green Book is not offered for general sale. Each subscriber for the REPORTER gets a copy without additional cost. Subscribers may purchase additional copies at a cost that is very small in comparison with the value received.



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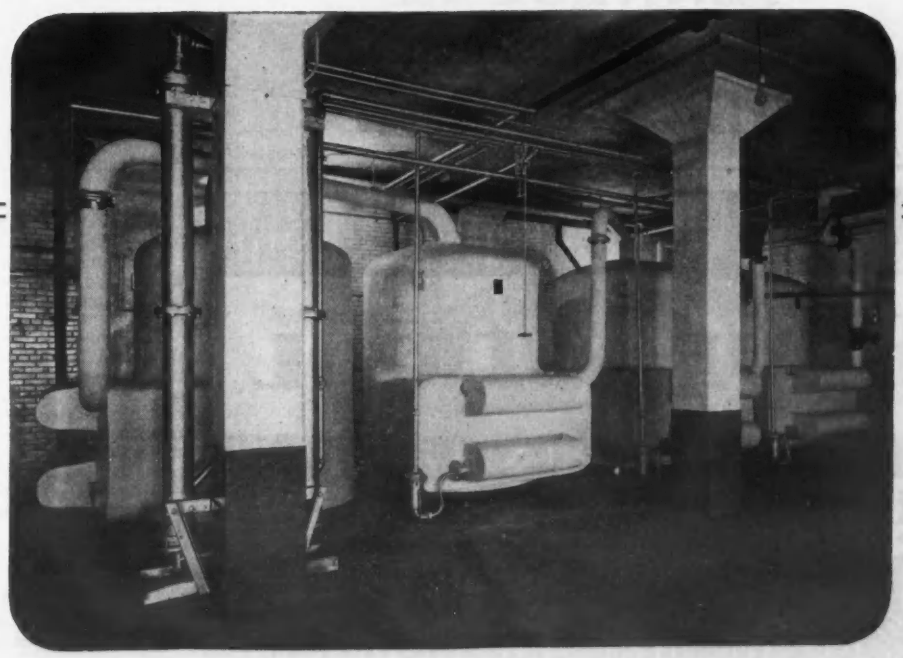

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Heavy Chemicals

Potash Metabisulphite Lower—Soda Silicofluoride Continues Strong —Tin Salts Barely Steady—Arsenicals Quiet—Bleaching Powder and Chlorine Active — Copperas Firm

The market for the industrial chemicals noted a good demand during the week. Contract withdrawals indicated that contra-seasonal operations were expected to be maintained in some of the major industrial units throughout the greater portion of August. Demand for agricultural insecticides and fungicides slowed down considerably, reflecting the near approach of the close of the seasonal call for many of those products. A slightly lower price was noted for potash metabisulphite.

The textile industry continued to order out a surprisingly good volume of material for this period of the year, with some of the units operating at levels contrary to seasonal trends, especially the cotton cloth unit. Steel industry was higher, and the automobile industry maintained a good ratio of production. Soda silicofluoride was a strong feature, with stocks limited. Chlorine, bleaching powder and alumina sulphate were in good demand. Tin salts were unchanged, with the basic metal holding steady. Copper was firm. Antimony metal was dull. Anhydrous ammonia and calcium chloride were active. Calcium acetate was firm, with production seasonally low. Arsenicals were quiet. Sulphuric acid moved out in irregular fashion. Chromic acid and nickel salt remained firm, for the plating trade was taking a fair volume.

Price Changes

Prices were changed during the past week as follows:—

Advanced
None

Reduced
Potash metabisulphite, 1c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in the commercial and iron-free held up well throughout the week. Prices were firm. The call for the ammonia and potash alums continued excellent for this season of the year, with seasonal influences evident.

Ammonia Aldehyde.—Despite the dull character of demand, with small quantities making up the call, sellers reported prices were steady to firm.

Ammonia, Anhydrous. — Shipments were moving against contracts in excellent volume, with the warmer weather stimulating sales, and the prices were regarded as firm at the levels in force previously. Sellers reported a substantial backlog of orders for delivery during August.

Ammonia Bicarbonate.—Although the call was concerned with small quantities, with the consumers covering only when needs reached an urgent stage, sellers reported the prices were firm.

Ammonia Perchlorate.—Jobbing quantities made up the call for this material, but the quotations remained steady to firm.

Ammoniac Sal.—Battery trade continued to order out fair sized quantities, with the call from other directions regarded as representative for this period of the year, and the price tone remained firm, with the sellers naming the quotations in order previously for both the grey and white commodities.

Antimony.—Business in the metal was quiet throughout the week, with buyers purchasing in a manner indicative of the hand-to-mouth policy, but the price remained unchanged at 11⅜c. per pound for the domestic material, and the imported product was listed at the levels of the preceding period.

Antimony Oxide.—Ceramic industry continued to place a fair call throughout the week, with the shipments moving out in volume sufficient to give the market steady price appearance, being also assisted by the steadiness in the metal price. Buying of the needle was fair, and quotations ruled steady to firm.

Argols.—Prices for the crude material displayed a steady tone, although demand was quiet. The same condition prevailed in the market for the 80 percent material.

Arsenic.—The market for the white article was fair again last week, from a demand standpoint, with the sellers reporting the quotations held steady to firm. The glass trade and other usual consumers supplied the interest. The call for the red product was spotty, but no change was disclosed in the quotations.

Barium Salts.—Inquiries reaching the market for the chloride and carbonate materials were for conservative quantities, but the quotations ruled at the levels in force previously. Little activity was shown in the market for the hydrate and nitrate items, with the prices displaying a steady tone. Dull and featureless was the market in the chlorate.

Bleaching Powder.—Shipments were moving against contracts at a good pace during the week, with the prices displaying a firm tone. Contract shipments scheduled for the balance of the third quarter were of a volume sufficient to maintain a firm price appearance.

Blue Vitriol.—A firm tone was a prominent factor in this market, although demand showed signs of slackening, with the seasonal call from the agricultural areas nearing a close. However, the price tone continued firm, for the basic metal was holding at the higher level established recently.

Calcium Acetate.—A firm tone ruled this market, for production was seasonally low, and demand was good. The price remained unchanged.

Calcium Chloride.—A good inquiry was noted here, with a firm tone in evidence. The use of calcium chloride to suppress dust on the roads has proved very successful experimentally in Finland. In 1934, 60 kilometers of road were treated in this manner, in 1935 200 kilometers, and in the present year it is planned to treat 500 kilometers in the same fashion. This will require the importation of about 1,500 tons of calcium chloride or approximately three times the total imported last year. The calcium chloride will be used on country roads leading to the larger centers of population. The principal countries of origin for calcium chloride imports last year were Belgium and Germany, according to the United States consul at Helsingfors.

Carbon Tetrachloride.—This market continued in a firm position, with a favorable amount of contract business booked through to December. Cleaning fluid companies and other routine consumers supplied the interest.

Copper.—A firm tone continued in the market for electrolytic copper, with the buying interest good. Sellers were quoting 9¾c. per pound delivered Connecticut Valley base.

Chlorine.—A broad demand was shown for this commodity again last week, with the shipments moving against contracts at a seasonal pace, and a firm tone was prominent. Substantial shipments are scheduled for August.

Copperas.—A sizable demand was reported for this material again last week, with the market displaying a firm tone. The surplus stocks were conservative in size. Steel mill operations moved forward to 71½ percent of capacity.

Feldspar.—Ceramic industry supplied the greater portion of interest in this market, and prices were steady to firm.

Nickel Salt.—A firm tone continued in evidence for this market, with the shipments moving for the account of the plating trade at a good pace, and prices were unaltered. There was little to report in the oxide or the chloride material, with prices steady in both instances.

Potash Carbonate.—Textile trade fur-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

nished a good interest in this market, and the prices were holding firm.

Potash Caustic.—Activity here indicated that the soap trade and the chemical processors were covering for immediate needs only, but the price tone remained firm.

Potash Metabisulphite.—Sellers here were asking 12½c. per pound, with demand irregular.

Potash Permanganate.—The market for this article was good again last week, with the shipments moving for the account of the chemical processors and the water filtering companies, and quotations were steady.

Salt.—Important developments were lacking, with demand good and prices firm. The production and shipment of salt in Canada during the year 1935, which aggregated 360,343 short tons, establishes an all-time record for the Canadian salt industry. Salt in brine for use in manufacturing of chemicals showed an increase in tonnage from 124,132 tons in 1934 to 145,433 tons in 1935, or 40 percent of the entire domestic production, the Ottawa commercial attache reports.

Saltcake.—Shipments were moving for the account of the paper and glass trades at a good pace during the period under review, with the prices displaying a firm tone.

Soda Ash.—Demand was good here last week, with the shipments moving to the various industrial consumers in volume necessary to cover production requirements, the level of which is exceptionally good for the Summer. Prices were steady.

Soda Caustic.—Shipments were for moderate quantities during the week just ended, with the producers reporting the price position unchanged. Contra-seasonal operations in some sections of the industrial world offset the letdown in production schedules in other quarters because of depressing seasonal influences.

Soda Cyanide.—Platers continued to withdraw good-sized shipments of this material, with the dealings feautred by a decidedly firm tone.

Soda Metasilicate.—Demand continued at a good pace, with the laundry trade and other usual consumers supplying the call, and prices were in line with the values in effect previously.

Soda Silicate.—Textile trade and the paper box makers were showing a favorable interest in this market, with the quotations holding at the levels in effect for some time past.

Soda Silicofluoride.—A strong tone was manifested in this market during the period just closed, with the strength in the price tone due to the limited amount of material on hand.

Soda Sulphide.—Although important developments were lacking in this direction, with routine consumers withdrawing conservative quantities, sellers reported the prices remained unchanged.

Tin Salts.—The market for the basic metal hovered around the level of the previous period, with sellers asking 43⅛c. per pound. The terms that the delegates of the International Tin Committee offered on behalf of the signatory countries for the renewal of the restriction agreement after the end of this year have been rejected by the government of Siam, according to advices received by cable at the Commodity Exchange. According to Amsterdam advices, Siam demanded a basis quota of 18,000 tons annually but the delegates were not disposed to offer more than 15,000 tons. In 1935 the actual output of tin in Siam was 9,779 tons and its quota 10,289 tons, while in 1934 the quota was 9,800 tons and its output 10,587 tons. Up to the end of May this year Siam exported only 122 tons more than its permissible quota. The international tin restriction agreement went into effect March 1, 1931.

Acids

The market for the various acids moved through a quiet week, with the prices displaying a steady to firm tone. Sulphuric acid was irregular, but the market appeared steady. Chromic acid moved to the platers in fair volume, and a mixed character of production schedules in consuming industries gave the market for muriatic an irregular appearance, from a demand standpoint. Nitric acid was firm. Regular buyers supplied a fair demand for acetic acid. Battery and boric acids were strictly routine.

Acetic. — Demand here continued fairly good, with a firm tone governing the dealings.

Battery.—Shipments were moving out in good volume during the week, and a firm tone was noted.

Boric.—Interest in this market was conservative, but the price continued in a firm position.

Butyric.—Moderate quantities made up the call in this market last week, with a steady to firm tone in evidence.

Chromic.—Platers continued to withdraw representative quantities, and the price tone was firm.

Formic.—This market presented little change, with the shipments moving to the usual quarters of consumption at a consistent pace, and prices ruled unchanged.

Hydrocyanic.—A tapering off in the seasonal demand was in evidence here, but the slowing down in the buying failed to have an influence on the market pricewise.

Lactic. — Some fair sized quantities continued to move to consuming quarters under seasonal influences, but the price structure of the market was unaltered.

Monochloracetic.—Despite the dull demand, the price tone in the market last week was steady, and sellers were adhering to the previously established schedule.

Muriatic.—Another weak market by an irregular demand was reported here, with the sellers holding to the previous quotations. Mixed character of production schedule could explain the irregular call.

Nitric.—Usual buyers supplied a fairly active interest in this market, with a firm tone prominent as far as the price was concerned.

Sulphuric.—Shipments were of moderate volume, with the result the market had little to offer in the way of improvement over the preceding period, but the price tone remained firm. Steel mill operations were higher, and there was a good level of production in the automobile industry. Textile units were holding up well in certain instances. Miscellaneous consumers were purchasing in a conservative manner.

BALTIMORE, July 29.—Producers of sulphuric acid insist that the materials which go into the manufacture of this product are working higher, and that as a consequence the prospect as to acid is for a rising market. None the less, a quotable advance has not yet been made, though much interest is manifested in offerings, with the figures quoted quite steady at $12 per ton for 60 degree and $15 per ton for 66 degree acid. Conditions in the trade are still characterized by marked quiet, although more attention is being paid to market developments in so far as any may be said to have occurred. The producers manifest confidence, even optimism, as to the future of the trade, and resist any downward trend, though manufacturers of fertilizers are not yet decidedly conspicuous in the market for the reason that the Summer quiet continues to affect the business, with drouth in places tending to cause potential buyers of acid to pursue a distinctly conservative course. Oleum is also just about holding its own, with the feeling likewise expectant as to sellers, and with the current figures around $16.80 per ton for 20 percent stocks.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Insecticides

The market for the agricultural insecticides and fungicides was quiet during the week just ended, with the quiet resulting from the near approach of the termination of the seasonal call for the greater majority of the products in this group. Prices generally were steady to firm. The weekly weather and crop bulletin reported favorably regarding the cotton belt, with the exception of Oklahoma, where continued dry weather was reported. Corn was reported to have deteriorated rapidly in most of the principal producing areas. Nicotine sulphate was steady. Lead and calcium arsenate was firm.

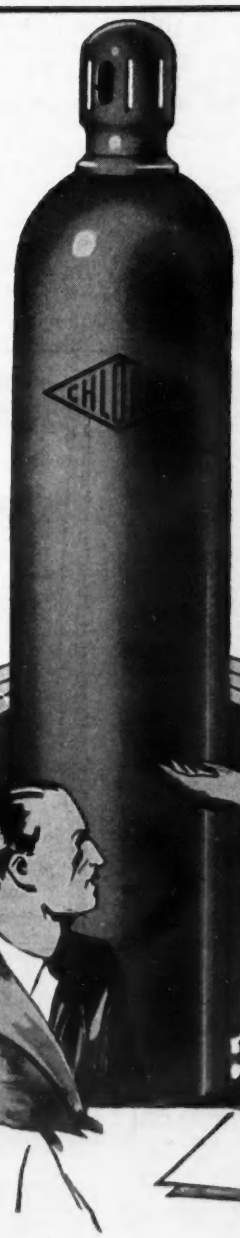
Bordeaux Mixture. — Demand continued quiet during the week, with the prices holding steady to firm.

Calcium Arsenate.—A lessened interest was noted in this market, and prices continued to manifest a firm tone.

Lead Arsenate. — Although demand slowed down somewhat in this direction, sellers reported quotations were unchanged.

Nicotine Sulphate.—This market was quiet again last week, but the price tone was firm.

Alkali exports from Germany show declines this year in all items except caustic soda and bicarbonate of soda. Total exports of caustic soda and potash and the carbonates of these bases amounted to 28,040 metric tons in the first four months of this year, compared with 31,374 tons in the corresponding period in 1935.



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Sir Henry Wellcome, World Scientist, Dies

(Continued from page 5)

Having spent his boyhood on the frontier, Sir Henry maintained continued interest in the Indians, and wrote a 500-page book on their life and habits. And in England he developed an intense interest in archaeology. He led several expeditions to the Upper Nile regions of the Anglo-Egyptian Sudan, discovering prehistoric Ethiopian sites. These expeditions were considerable undertakings, Sir Henry being accompanied by as many as 30 Europeans and 3,000 natives. His operations in this venture were interrupted by the World War, but Sir Henry immediately placed his talents at the disposal of the British Government. Among other noteworthy services, he constructed and supplied a chemical and bacteriological motor field research laboratory which was used in Palestine and Egypt during the war.

Sir Henry became a British subject by naturalization. His activities spread into innumerable endeavors, and his ramified interests took him into many parts of the world. When the Panama Canal was being built, he was asked to make an impartial survey of the large appropriations for General Gorgas' fight against tropical diseases. Sir Henry returned and gave unstinted praise for the monumental sanitary work, without which the canal construction would have been seriously impeded. He became a director of the Gorgas Memorial Institute of Tropical and Preventive Medicine, Washington. He had made a survey of the indigenous cinchona forests of South America. He was the founder of a Publication Trust Fund under the control and direction of the Chinese Medical Association to provide standard medical and chemical textbooks translated into Chinese at prices within the reach of native students. Among a long list of scientific and other organizations, he was a member of the Central Asian Society; of the Council of the African Society; an Officer of the Order of St. John of Jerusalem; life member of the National Geographic Society, Washington, and the Minnesota Historical Society, and former honorary president of the American Pharmaceutical Association, to which he had belonged since 1875. He took a major part in the establishment in Washington of the American Institute of Pharmacy, and had conferred on him the Remington Medal for 1934, the highest honor conferred by the association on the man or woman whose efforts have done most for American pharmacy during the preceding year, or whose efforts during a number of years have cumulated during the preceding year in results considered most important or advantageous for the profession.

Federal Administrative Court Proposed by A.B.A.

(Continued from page 3)

tion, is often more important to the person subject to regulation than the interpretation of legal points.

Chief arguments in favor of an administrative court are that it would retain regulation by technical experts but would separate executive and judicial functions. The court would have both trial and appellate divisions, both divided into groups of judges who could specialize on particular classes of cases. The court would have uniform rules of procedure in place of the present diversity; its decisions would all be published and available in a single place; judges could be shifted from one class of cases to another as the press of work demanded; a large bank of judges would be able to hold hearings in various sections of the country, thus decentralizing the work more than is possible under the present setup.

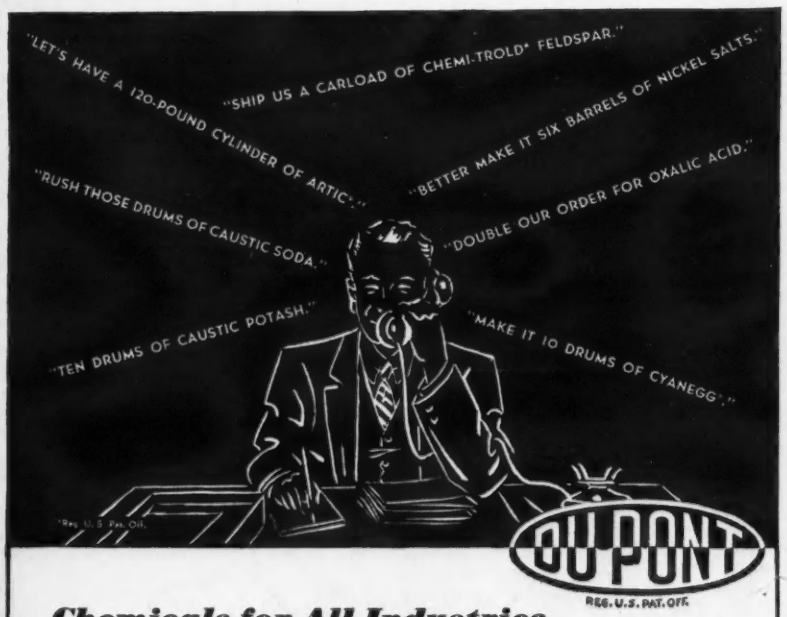
Effect on F.T.C. Functions

To take the Federal Trade Commission as an example, there would be no change in this body's procedure immediately. The commission would continue to issue cease and desist orders embodying its conception of unfair methods of competition. However, the respondent would have the choice of carrying an appeal to a circuit court of appeals for review of points of law only as at present, or to the new court on questions of both fact and law.

Incidentally, in connection with the Federal Trade Commission, the A.B.A. committee suggests that the commission would be more effective if it used a legislative system instead of a judicial system; that is, if it laid down rules and regulations, after hearings, as to what constitutes unfair competition in a given industry, and then let the courts enforce these regulations like any other law.

Established and technical organizations like the United States Patent Office and the Interstate Commerce Commission will not be affected by the proposal, except that the new body would handle patent appeals. Customs and internal revenue tax matters would be handled by the new court, and the only difference would be that uniform methods of procedure would be laid down.

Bakelite Corporation, has engaged K. V. McCullough as an added member of the paint and varnish development laboratories, at Bloomfield, N. J. Mr. McCullough was recently with the Certain-teed Products Corporation, St. Louis, and formerly secretary of the St. Louis Paint and Varnish Production Club. Previously he was with the Illinois Paint & Varnish Works and the American Asphalt Paint Company.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Coaltar Chemicals

Domestic Cresylic Acid Prices Higher—Benzol Slow—Toluol Firm —Crude Naphthalene Dull—Fair Demand for Intermediates —June By-Product Output Shows Decline

An advance in the price for domestic cresylic acid featured the market for the coaltar chemicals during the week just closed. The rise in price was attributed to the short supply. Benzol was dull. Toluol, xylol and solvent naphtha continued firm. Quiet prevailed in crude naphthalene. Coaltar intermediates noted a fairly active demand, with the prices generally steady to firm. An irregular call was noted in the market for the colors.

Coking coal charged in by-product ovens in June totaled 5,324,939 tons, compared with 5,408,098 tons in May, and 3,763,281 tons in June last year. Total for the first six months amounted to 29,701,103 tons, against 23,973,159 tons in the corresponding period a year ago. Tar yield in June was estimated by the Bureau of Mines at 49,095,937 gallons, compared with 49,972,663 gallons in May, and 34,897,450 gallons in June last year. Total for the first six months amounted to 273,844,169 gallons as compared with 269,499,379 gallons in the similar period last year. Light oil recovery was estimated at 15,442,323 gallons in May, as against 16,683,484 gallons in June last year. Total for the first six months was 86,133,198 gallons as compared with 69,522,161 gallons in the corresponding period a year ago. Ammonia sulphate, or its equivalent, was recovered to the extent of 58,858 tons in June, as compared with 59,229 tons in May and 39,877 tons in the corresponding period a year ago. Total for the first six months was 327,067 tons, as compared with 253,541 tons in the same period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cresylic acid, dom., 5c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.5	126.5	126.4	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business in this market was slow last week. Steel mill operations were higher at 71½ percent of capacity. Output of by-product coke for the 30 days of June totaled 3,694,911 tons, a daily rate of 123,164 tons, the highest rate recorded since June, 1930. Compared with May, the June average rose 1.7 percent. One plant closed down during the month, reducing the number of active plants to 79. The volume of coke on hand at by-product plants at the end of June remained practically the same as at the beginning of the month. Compared with the same period of 1935, however, there was a decrease of 38.9 percent. Benzol production was estimated at 9,148,188 gallons in June, compared with 9,288,946 gallons in May, and 5,746,000 gallons in June last year. Total for the first six months amounted to 49,890,134 gallons, as compared with 36,467,000 gallons in the corresponding period a year ago, according to the Bureau of Mines.

Creosote Oil. — Demand was fairly good for this product, with the prices unchanged. Imports for the first six months amounted to 22,099,567 gallons, valued at $2,450,910, compared with 20,360,977 gallons, valued at $2,023,705, in the corresponding period of 1935. Imports were made from the United Kingdom, Belgium, Netherlands, and Japan.

Cresylic Acid.—Domestic prices were raised 5c. per gallon, with the high boiling listed at 73c. to 75c. per gallon. The situation here seemed to be one of stocks, rather than price, for the synthetic resin industry and large contract buyers were withdrawing full allotments, leaving the spot market without supplies. The shortage was worldwide.

Naphthalene.—The market for crude naphthalene continued quiet, with the prices quoted in the local market for the imported material said to be somewhat under the quotation prevailing abroad. This condition was due to some extent to the fact that the larger consumers here are covered for the balance of the year. The German carbon black, which is based upon naphthalene as a raw material, is now in commercial production and is rapidly displacing American carbon black which formerly supplied practically all of that country's requirements for high grade black pigments, the American consul at Frankfort-on-Main reports. Germany's imports of carbon black in the first five months totaled 2,945 metric tons compared with 4,763 tons in the same period 1935. Official restrictions placed upon exports of naphthalene from Germany were instituted at the request of naphthalene carbon black manufacturers who felt that they could not undertake the manufacture of this new synthetic product without first being assured of an adequate supply of domestic raw material, it was understood. A disadvantage of Germany's new carbon black product is its price which is considerably above that of high grade imported gas blacks coming from the United States. However, because of conditions now affecting German economy, particularly the severe shortage of foreign exchange which renders it very difficult to negotiate imports, even of vitally needed raw materials, it is felt in that country that relative costs are no longer a decisive factor where national economic independence is concerned. To insure a market for the high priced domestic naphthalene black the German government issued a decree some weeks ago requiring rubber tire and other consuming industries to admix 20 percent of the new product with imported gas blacks for all purposes which require high grade carbon blacks, according to the Commerce Department.

Phenol.—This market continued to experience a good demand throughout the period under review, with the synthetic resin industry, petroleum trade and the pharmaceutical manufacturers as well as the dyestuff intermediate makers supplying larger portion of the buying interest, and prices were unchanged.

Coaltar.—Prices remained firm, with demand good. The road industry is the largest single consumer of tar products in Great Britain. it was stated by speakers at the Chemical Engineering Congress of the World Power Conference recently held in London. In 1934, it was reported, 46 per cent of the total tar production was converted into road tar. The annual production of tar in Great Britain, it was reported, ranged from 1,750,000 tons to 2,000,000 tons, of which amount gas works produced 1,100,000 tons.

Solvent Naphtha.—The market for the industrial water white commodity was active, with the shipments against contracts equal to the actual production, and prices ruled firm. Prices for the high flash naphtha were unchanged.

Toluol.—A firm tone continued as the prominent feature in this market during the course of the week just closed, with the shipments moving out in large volume, and prices were unchanged. The automobile industry held up fairly well, considering the period of the year, but it was evident that producers were laying final preparations for the changing-over to 1937 models.

Xylol.—A firm tone was registered in this market again last week, with the shipments of the commercial product equivalent to production, and no change was disclosed in the quotations.

CHICAGO, July 29.—Although contrast continues to prevail in the coaltar bases, as between benzol on the one hand and toluol, etc., on the other, the bulk of the market is strong, and maintaining a healthy tone. Material is moving out to consuming industries actively. Prices for the most part are about unchanged. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 18c. per gallon; motor benzol, 11c. to 13c.; toluol, 30c.; 10-degree

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

CHEMICALS

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xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—A steady tone was shown in the market for this material, with demand characterized as fair.

Cleve's.—There was little to report here, with the demand side of the market made up of jobbing quantities, but the price tone remained firm.

Gamma.—This market offered little change from the preceding period, with the shipments moving out in conservative volume, and prices were well maintained.

Picric.—A decidedly firm tone overshadowed this market, with the demand fair, and quotations were in conformity with the schedule in effect previously.

Salicylic.—Interest here continued to be concerned with covering for nearby requirements, and prices ruled firm.

Tobias.—A fair demand was in evidence in this market at times during the week, and quotations were firm.

Other Intermediates

Anilin Oil.—This market enjoyed a good demand during the week just closed, with a firm tone in prominence.

Anthraquinone.—Shipments continued to move out in volume sufficient to give the market a firm tone, and prices were held at the levels in effect previously.

Betanaphthol.—Another active week was recorded in this market during the period just closed, with the contract shipments measuring up to actual production and a firm tone was in evidence.

Dinitrotoluene.—Inquiry here was concerned with representative quantities at times during the period under survey, with the market displaying a firm tone, for the basic product was in a firm price position.

Monochlorobenzene.—Usual buyers supplied an fairly active interest in this product, with the commitments sufficient to cover for nearby requirements, and prices were without change.

Orthotoluidin.—This situation offered little variation from recent weeks, with the consumers covering when needs reached an urgent point, but the price tone remained firm.

Phthalic Anhydride.—A substantial buying interest was shown in this direction again last week, with the contract consumers withdrawing full allotments, and a decidedly firm price tendency was manifested.

Schaeffer's Salt.—Despite the dull character of demand, sellers reported prices for this material were well maintained.

Toluidin.—A firm tone ruled the dealings in this market last week, although demand showed a tendency to lag, and prices were firm as a result of the firmness in the basic article.

Coaltar Colors

The market for the coaltar colors was fairly active at intervals during the week. Prices generally were steady to firm. The lighter hues continued as the prominent shades moved last week. A labor strike was said to have developed in the Paterson silk district. Reports from the rayon industry were to the effect that operations were holding up well. Woolen and worsted mills in the New England district were making a favorable showing as far as production was concerned. Domestic cotton cloth mills continue to run at high levels, but new sales by manufacturers were reported to have dropped sharply, especially on unfinished goods. Dyes entering stains continued to experience a good call, with the prices displaying a steady tone.

Manganese Producers Assail Russian Pact

(Continued from page 3)

great many years this country has made similar executive commercial agreements, or modi vivendi, with other nations, usually for short periods of time pending the negotiation for formal treaties.

Mr. Adkerson also suggested that the department investigate reports that, in a recent agreement with Germany, Brazil is discriminating against the United States, thus giving ground for abrogating the Brazilian trade agreement under which the manganese duty was reduced. He further challenged figures used by the Secretary of State purporting to show that only a small number of persons are employed in the domestic manganese industry, and he declared that many persons classified by the Bureau of the Census as farmers work part time in manganese mines and that if given tariff protection domestic manganese producers would employ many more persons than at present.

Patman Act Analyzed For Sellers of Paint

(Continued from page 5)

of sale to all customers who are in competition. Future datings, he advises, should be the same for all.

In the matter of sales and technical services, Mr. McFadden presents three methods for choice. The safest, he says, is to furnish no services to anyone. If any is furnished all should be treated alike, at least all who may be in competition among themselves. Furnishing free signs to dealers is not specially injurious to competition, Mr. McFadden says, but when a manufacturer pays rent for sign space the aspect of discrimination is present. Advertising allowances, he says, should be openly offered equitably to all, and care must be taken not to pay "premiums".

Trade discounts as they apply to jobbers and retailers are best judged on the basis of the competitive relations of those among whom trade distinctions might be made. As jobbers usually sell to the same classes as dealers, a distinction is difficult to make. A similar condition affects operations in direct selling by a manufacturer. The effect on competition is the deciding factor, and this is largely a matter of individual circumstances.

Particular attention is paid by Mr. McFadden to the responsibility of buyer to avoid favoritism. He holds that no unusual procedure to be assured is required; but, he concludes:

The buyer usually knows when he is getting a better price than his competitors who purchase from the same source of supply, although the other buyers may not know it. Of course, if a buyer thinks he is getting a better price when in fact he isn't there would be no discrimination. But as soon as he knows that he is getting some concession which his seller is not extending to competing buyers, he has the same responsibility as the seller to determine whether the concession is a permissible one or an illegal one. And he surely would have knowledge of the existence of a discrimination in his favor if he was the one who induced the seller to grant it.

Nitrogen Prices Lower For German Consumers

(Continued from page 5)

The prices in the new schedule compare as follows with those for the preceding period and those for 1929 when the gradual scaling down began:—

	—Pfennigs per kilo N—		
	1937.	1936.	1929.
Ammonia sulphate	68½	71	95
Ammonia sulphate-nitrate	73	77½	95
Calcium nitrate	95	99	113
Calcium-ammonia nitrate	77	81	95
Cyanamide	72	74½	..

Notwithstanding the progressive reduction of domestic prices since 1929, the domestic schedule remains above the price level prevailing for German exports of nitrogenous fertilizers. The average value of German exports of sulphate of ammonia in April, 1936, was less than 35 pfennigs per kilo N, compared with the official domestic price of 71 pfennigs. Under the German nitrogen cartel setup exporters selling at the lower international prices receive additional compensation from "equalization funds" furnished by producers selling at the high prices prevailing in the domestic markets. By this arrangement the position of German exporters in international trade is strengthened considerably. This price-equalization cartel arrangement has been in operation for some years and is entirely apart from the official subsidization of German exports in general.

Alumina sulphate was imported into Cuba from Germany for the first time this year, in June. The lot was one of 25 tons.

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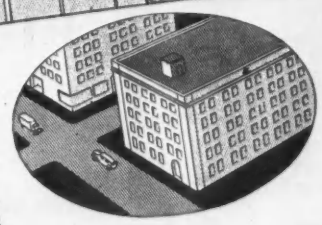
This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.



Large quantities of Koppers chemicals go into the manufacture of synthetic resins which are used in telephones, switches, insulation and other equipment in the telephone, telegraph and radio industries. Koppers materials are used also as solvents for paints and coatings and as saturants for jute used in cables. Koppers Roofing, Waterproofing and Dampproofing materials are widely used in the construction and maintenance of buildings and other structures. Koppers Creosote is used for preservation of poles and other lumber.

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Dyestuffs and Textile And Leather Chemicals

Sharp Advance in Corn Derivatives—Egg Products Continue Strong —Mangrove Bark Lower — Myrobalans Quiet — Valonia in Limited Supply—Zinc Dust Steady—Bichromates Firm

The market for the dyestuffs-tanstuffs noted a slow demand during the week just ended. The dull character of the buying could be attributed to the caution with which manufacturing consumers were exercising an effort to hold down supplies to actual production requirements, for some sections in both the textile and tanning industries were operating at contra-seasonal levels. Changes in the market included a sharp advance in the prices for the corn derivatives and a decline in mangrove bark.

Rise in the prices for the corn derivatives resulted from the sharp advance in the basic product, which rise in turn was due to the damage wrought by the drought in certain sections of the corn belt. Shipment of the corn derivatives were being made at the option of the sellers, due to the uncertainty about obtaining supplies. Egg products were strong, with the strength caused by the higher production costs in the primary market as well as the strength in the price for the domestic product, due to the drought conditions. Mangrove bark was lower. Myrobalans was quiet. Valonia supplies were limited. Bichromates were firm. Zinc dust was steady, for the basic metal continued steady. Dyestuffs were dull, with current output in the cotton cloth in excess of sales. Silk trade noted some labor difficulties in Paterson, N. J.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Dextrin, corn, 15c. per 100 lbs.
Starch, corn, 15c. per 100 lbs.

Reduced

Mangrove bark, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev week.	Last month.	Last year.
152.5	152.4	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Conditions in this market were relatively unchanged, with the shipments moving out in moderate volume, but the prices ruled steady to firm.

Antimony Salt.—Despite the dull demand, with consumers showing no inclination to relinquish the hand-to-mouth practice, sellers reported the market retained a steady price appearance.

Potash Bichromate.—Shipments were moving against contracts at a steady pace, with the regular consumers covering for immediate production requirements, and the prices ruled firm at the previous levels.

Potash Prussiate.—This market presented little variation from recent weeks, with the red material noting a highly irregular demand, but the price tone remained firm. The call for the yellow article was spotty, and sellers were holding to the values in force previously.

Soda Bichromate.—The contra-seasonal operations in certain industrial units was reflected in this market, with the call said to be good, and the price held firm.

Zinc Dust.—This market continued to enjoy a good buying movement, and the prices were unchanged, for the basic metal remained steady.

Dyestuffs

Annatto.—Business in the paste and seed materials continued slow, with jobbing quantities making up the call, but prices were well sustained.

Archil.—Although the market lacked improvement from a demand standpoint, with the consumers remaining aloof from the dealings unless needs reached an imperative stage, sellers reported the quotations were firm, for the surplus stocks favored the presence of such a tone.

Cochineal.—Dull and featureless was the market for the Teneriffe silver and grey item, with the demand consisting of occasional jobbing quantities but the prices were in conformity with the schedule in effect previously.

Fustic.—The textile industry continued to purchase supplies in a manner indicative of the hand-to-mouth policy, but the price tone held steady for the various sorts of this material.

Indigo.—The market for the natural material lacked snap again last week, with the price tone holding firm, for supplies on hand were limited. The buying of the synthetic item continued good, and a firm tone governed the dealings.

Quercitron.—Although the call was irregular, with consumers exercising caution not to cover beyond actual needs, the market continued to display a steady to firm price appearance.

Sizing Materials

Albumen.—The market for edible egg material was quiet during the week just closed, but the price tone was firm. Business in the blood article was fair, and prices displayed a firm tendency.

Dextrin.—An advance of 15c. per 100 pounds was noted in the price for the corn derivatives, with the rise in quotations attributed to the drought conditions in some sections of the corn belt, causing a sharp rise in the value for the basic product. Sellers were quoting the British gum at $4.40 to $4.70 per 100 pounds; canary corn, $4.15 to $4.35 per 100 pounds; $4.15 to $4.30 per 100 pounds, with prices f.o.b. Chicago.

Egg Yolk.—A decidely strong tone was evident in this direction, with the demand good. Higher production costs in the primary market, coupled with the drought conditions in this country, tended to give the market the strong appearance. Prices were unchanged.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday August whole mixed futures closed at 17.10c. to 18.15c.; September 17.30c. to 18.40c.; October 17.40c. to 18.60c.; November 18.75c. Spot nominal.

Starch.—The market for the corn derivatives continued was higher, with the prices advanced 15c. per 100 pounds as a result of the drought in certain sections of the corn belt. Department of Agriculture reported that by July 28 about half of the total corn acreage in the important producing area which included Missouri, Iowa, Kansas, Nebraska, Oklahoma and South Dakota was damaged beyond recovery for grain production. Prospects are better in Ohio, Indiana, Illinois, Michigan, Wisconsin, and Minnesota but even in most of these States there are sizable areas where very little corn will make grain. In this group of States and in bordering area that include the western portions of New York, Pennsylvania, Maryland and West Virginia, central Kentucky, northwestern Arkansas, and the eastern slope of the Rockies from Colorado to Montana, the corn crop is badly hurt and all late crops have suffered materially from the drought.

Tanning Materials

Divi-Divi.—This market was quiet again last week. Prices were firm, for the supplies were limited.

Gambier.—Business in the market for the common material continued quiet, but the prices were unchanged. There was little to report in the dealings in plantation gambier and Singapore cubes, with the buyers covering for immediate needs only, but prices were steady.

Mangrove Bark.—The market here was listed at a lower level, with sellers quoting $26 per ton.

Myrobalans.—The market for the J1 material was quiet, with prices holding steady. There was a spotty demand noted for the J2 item, and the R2 product was confined to purchases sufficient to cover actual needs only.

Sumac.—Prices for the ground material were listed at $62 per ton and the leaf was priced at $67 per ton. Business lacked improvement.

Valonia.—Price for the beards was $60 per ton, with a limited supply on hand, and $40 to $45 per ton prevailed for the cups, depending on the tannin content.

Wattle Bark.—The east African material was listed at $27 per ton and the south African product was $28 per ton. Demand was slow.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Narcotics Convention Not Signed by U. S.

(Continued from page 5)

tee of the League of Nations which held routine discussions of world conditions regarding narcotics. The league secretariat announced that it had finally completed arrangements which will enable it to begin fulfilling its functions under the narcotic limitation convention of 1931, consisting of conducting the exchange between governments of annual reports, reports or individual cases of illicit traffic, and of the texts of laws dealing with narcotics. This work has nothing to do with the supervisory body of the league's opium committee, which prepares annual estimates of medical requirements of narcotics by all nations.

Of greatest interest to the drug and medical professions at this meeting was discussion of a new drug, dihydrodesoxymorphine—D. It was hoped that this new derivative of morphine would prove to be non-habitforming, but Mr. Fuller presented a lengthy report showing that research by the committee on drug addiction organized by the National Research Council had found this drug, sometimes called "desomorphine," to be definitely habitforming and to be unsatisfactory for surgical use.

This committee recommended that manufacture, distribution, and sale of desomorphine in the United States be prohibited. Mr. Fuller said that this recommendation had been repeated by the United States Public Health Service and asked that the prohibition be considered by the convening nations. Importation of desomorphine into the United States is already prohibited.

On the other hand, the Swiss delegate offered a report from the surgical clinic of the University of Zurich, which indicated that habituation to desomorphine was slight.

S.-W. Co. Extends Vacations To Hourly Wage Employees

George A. Martin, president of the Sherwin-Williams Company, paint and varnish manufacturer, announces that the company will give all hourly wage employees vacations with pay under the same conditions as the clerical help. Employees who have been with the company for one year will receive a week's vacation and those with five years service two weeks. Mr. Martin also stated that the company is making arrangements so that all its 2,000 employees will be busy twelve months of the year. Plants will continue to operate on a normal basis through the Summer, usually the dull periods of the year, and pile up inventories so that the plants will not be compelled to operate at top speed in January and February to meet the Spring demand.

Iodine Bureau Makes Kellogg Feed Adviser

Dr. James W. Kellogg, formerly chief chemist and director of the Pennsylvania Department of Feeds and Fertilizers, Harrisburg, has been appointed director of animal husbandry of the Iodine Educational Bureau, this city. His duties will consist of advising feed manufacturers with reference to balancing mineral content of present-day feeds, supplements and concentrates; conferring with nutritionists at state and federal experiment stations, and contacting state extension workers.

Dr. James W. Kellogg

Dr. Kellogg has been associated with the Harrisburg feeds department for twenty-six years, having commenced his duties with the state as chemist. Previously he was associated with the Amherst College of Agriculture, where he was graduated; with the Rhode Island experiment station, and the New Jersey experiment station.

The creation of the position of director of animal husbandry by the Iodine Bureau, which is supported by Chilean producers, is one of several steps of expansion for servicing poultrymen, dairymen, and breeders with knowledge of the value of iodine in present-day rations.

A.P.&C.C. Issues Trona Booklet

The American Potash & Chemical Corporation has just published a highly interesting booklet telling the story of the corporation and the development of its plant at Trona on Searles Lake, California, for the manufacture by the Trona process of potash, borax, soda carbonate, soda sulphate and other products in great quantities. The story is splendidly illustrated and leads through a readable narrative from the time John W. Searles, a prospector and Indian fighter, passed through the basin which now bears his name, and located the salt beds, and then on to the entrance of the American Potash & Chemical Company and the development of its large plant, with a thousand or more employees, and its own town out in the Mojave desert.

Ken Dyke, general advertising manager for the Colgate-Palmolive-Peet Company, Jersey City, N. J., has resigned. He is off on a motor trip and is expected to disclose his plans for the future upon his return.

Mutual Bichromates
BICHROMATE OF POTASH ★ CHROMIC ACID ★ OXALIC ACID ★ BICHROMATE OF SODA
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Trade News Briefs

Cinnabar ore has been uncovered in large quantities in the Ivanhoe district, Western Elks county, Nevada, by the Williams Brothers.

L. C. Green, of Guignon and Green, naval stores broker, this city, returned July 27 from a vacation at Windham, Catskill Mountains, N. Y.

Gulf Refining Company has started construction of a casing-head gasoline plant to cost approximately $475,000 on its gas and oil lease four miles north of Wickett, Texas.

Theodore Hageman, Crescent Springs, Ky., has been appointed director of the division of Alcoholic control in the Department of Business Regulations, by Governor Chandler.

Soda sulphate exports from Germany in the first four months of this year amounted to 58,528 metric tons, compared with 35,844 tons in the corresponding period in 1935. Shipments this year to the United States totaled 34,146 tons.

Benzene production in Czechoslovakia increased from 12,200 metric tons in 1934 to 13,600 tons in 1935. Production of other coaltar bases increased from 13,290 tons to 21,410 tons. Production of coaltar increased from 56,500 tons to 70,000 tons.

D. H. Killeffer, public relations counsel, this city, has moved to the Lincoln building, 60 East Forty-second street. Mr. Killeffer is also a contributing editor of *Industrial and Engineering Chemistry* and of the *Scientific American.*

Coaltar intermediates imports into Switzerland in 1935 amounted to 9,410,738 kilos, compared with 8,640,075 kilos in 1934. Sources of these imports in 1935 included the United States (35.3 percent), Germany (32.6 percent), Great Britain (10.3 percent), France (8.8 percent).

A. H. Spilker, formerly connected with one of the old established collapsible tube houses, will in the near future represent on the Pacific coast A. H. Wirz, Inc., collapsible tubes and bottle stoppers, Chester, Pa. He will succeed W. I. Frost, who has resigned as of October 1 to take up other lines.

Coal hydrogenation for the production of motor fuel has been carried on in France by the Compagnie de Bethune for several months. Another plant is about ready for operation by the Compagnie Francaise des Essencer Synthetique, Lievin, and the Courrieres-Kuhlmann interests are equipping a plant.

Roblin H. Davis, head of the Davis Brothers Drug Company, wholesaler, Denver; William R. McFarland, president of the McMurtry Manufacturing Company, and P. O. Werner, of the Colgate-Palmolive-Peet Company, were guests of the Denver Post on its special train to Cheyenne, Wyo., at the opening of the Frontier Day celebration, July 22.

H. W. Galley, manager of the oils division of the A. E. Staley Manufacturing Co., producer of corn and soybean oil, Decatur, Ill., returned July 27 from a vacation in the Northwest. On his trip he drove through Illinois, Iowa, Wisconsin and Minnesota and found every creek bottom dry, with fields burned up and crops badly damaged.

Kenneth H. Rockey, vice-president of the Chilean Nitrate Sales Corporation, this city, and Mrs. Rockey were forced to change ships at sea while en route to a Bermuda holiday, because of the death of Mr. Rockey's mother in Akron, Ohio. Mr. and Mrs. Rockey sailed July 25 on the Monarch of Bermuda and received word of Mr. Rockey's mother's death on the following day. The vessel, Queen of Bermuda, bound for New York on a return voyage, reached her sister-ship the Monarch and both liners hove to while Mr. and Mrs. Rockey were transferred.

Dr. August J. Pacini, president of Pharmaceutical Specialties, a branch of the Archer-Daniels-Midland Company, has cabled from London that he is including an additional two weeks on his European itinerary because of the increased enthusiasm evinced by prominent cosmetic manufacturers in his discoveries, covering vitamins E and F. Six cosmetic concerns with national distribution of hair tonic and shampoo, shaving cream, facial and body creams and oils, nail polish, in the United States, are experimenting extensively with vitamins E and F.

Torbert Drug Company Finishes First Century

The Torbert Drug Company, wholesaler, Dubuque, Iowa, has rounded out one hundred years of service. It is the direct descendant of Timothy Mason & Co., which began business in Dubuque in 1836.

Mr. Mason retired in 1862, and the business was carried on by P. C. Sampson under his name. Mr. Sampson took

C. H. Wunderlich
President and General Manager, Torbert Drug Co.

on W. H. Torbert as a partner in 1868. Mr. Torbert's name became the style of the business in 1875. The present name was adopted in 1905 when the business was incorporated.

Mr. Torbert died in 1922. C. H. Wunderlich became president and general manager in 1921 and still functions in

Where T. Mason & Co. Started

those capacities. D. F. Wunderlich has charge of sales.

The building in which Mason & Co. started business in 1836 still stands. The Torbert Drug Company in 1933 erected a modernly designed and equipped building of five stories and basement, constructed of steel, reinforced concrete, and vitrified brick.

In commemoration of its centenary the company has published an illustrated souvenir booklet, "One Hundred Faithful Years," which is dedicated to Glenn Brown, "Friend and Counselor," who was secretary-treasurer of the company at the time of his death in 1935.

Smith Heads Searle Sales

Because of increased activities due to the addition of new pharmaceuticals to the line of G. D. Searle & Co., Chicago, Robert F. Spalding, for some years vice-president in charge of sales and general sales manager, has relinquished the latter title in favor of Harry M. Smith, his former assistant. I. U. Kauffman has been transferred to the Chicago office as assistant sales manager. A new division of the company is being created on the eastern seaboard under the supervision of Robert E. Wilson, who formerly handled the northern Wisconsin territory.

Bids Wanted

Ammonia:—Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.

Asphalt Emulsion:—14,350 gallons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, O.; procurement 21151, opening August 6.

Asphalt, Liquid:—10,000 gallons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, O.; procurement 21531, opening August 6.

Baking Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 9, opening August 12.

Baking Powder:—Supplies of; Sales Officer, Fort George Wright, Wash.; circular 2, opening August 7.

Blueing:—Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.

Blueing, Liquid:—Supplies of for various deliveries, Commanding Officer, Quartermaster Depot, Army Base, Boston, Mass.; circular 13, opening August 5.

Borax:—Supplies of for various deliveries; Commanding Officer, Quartermaster Depot, Army Base, Boston, Mass.; circular 13, opening August 5.

Candles, Stearic Acid and Paraffin:—4,100 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 14, opening August 10.

Caustic Soda:—70,000 13-ounce cans; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 13, opening August 7.

Crude Oil:—7,100 gallons; Quartermaster, Fort Hoyle, Maryland; circular 7, opening August 4.

Cutting Base Oil:—2,000 pounds; Commanding Officer, Springfield Armory, Springfield, Mass.; circular 3, opening August 7.

Cutting Oil, Soluble:—200 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3170, opening August 10.

Flavoring Extracts:—Supplies of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 19, opening August 17.
Supplies of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 9, opening August 4.
Supplies of; for various deliveries; Contracting Officer Quartermaster Corps, St. Louis, Mo.; circular 7, opening August 7.
Supplies of for various deliveries; Contracting officer, Quartermaster Corps, St. Louis, Mo.; circular 9, opening August 12.

Gasoline:—Supplies of; for region from October 1 to December 31; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 5237-G, opening August 12.
Supplies of; for region 2 from October 1 to December 31; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 5236-G, opening August 11.
Supplies of; for region 3 from October 1 to December 31; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 5235-G; opening August 10.

Lard:—Supplies of; Contracting Officer, Quartermaster Office, Fort Riley, Kans.; circular 1, opening August 14.

Lard and Lard Substitute:—Supplies of for various deliveries; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 9, opening August 15.
Supplies of; Quartermaster, Fort Missoula, Mont.; circular 2, opening August 7.

Lime, Chlorinated:—10,000 tubes; U. S. Engineer Office, Omaha, Neb.; circular 63, opening August 6.

Linseed Oil, Raw:—212 gallons; Quartermaster, Marine Corps, Washington; schedule 64, opening August 7.

Lithopone Pigment:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3170, opening August 10.

Lubricating Grease:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3170, opening August 10.

Mayonnaise:—Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 8, opening August 10.
Supplies of; Sales Officer, Fort George Wright, Wash.; circular 2, opening August 7.
Supplies of for various deliveries; Commanding Officer, Quartermaster Depot, Army Base, Boston, Mass.; circular 13, opening August 5.

Oil, Crankcase Drainage:—7,100 gallons; Quartermaster, Fort Hoyle, Maryland; circular 7, opening August 4.

Paint:—1,092 pounds; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 469-S, opening August 4.

Paint, Green:—300 gallons; Quartermaster, Marine Corps, Washington; schedule 64, opening August 7.

Paint, Lead-Zinc Base:—300 gallons; Quartermaster, Marine Corps, Washington; schedule 64, opening August 7.

Paint, Water-Resistant Concrete:—350 gallons; Quartermaster, Marine Corps, Washington; schedule 64, opening August 7.

Paint and Varnish Remover:—500 gallons; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 469-S, opening August 4.

Pigment in Oil:—500 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3170, opening August 10.

Quenching Oil:—60 drums; Commanding Officer, Springfield Armory, Springfield, Mass.; circular 9, opening August 7.

Road Oil:—107.44 tons; State Procurement Officer, Treasury Department, Smith-Young tower, San Antonio, Tex.; procurement 19700, opening August 6.

Salt:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 9, opening August 12.
Supplies of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 9, opening August 4.
Supplies of, for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 7, opening August 7.

Scouring Powder:—Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.
Supplies of; Quartermaster, Barksdale Field, Shreveport, La.; circular 1, opening August 18.
Supplies of; Sales Officer, Fort George Wright, Wash.; circular 2, opening August 7.

Shoe Polish:—Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.

Soap:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 9, opening August 12.

Soap Flakes:—Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.

Soap, Grit:—10,000 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 13, opening August 7.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.
19,374 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 14, opening August 10.

Soap, Laundry:—150,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 13, opening August 7.
235,860 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 14, opening August 10.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.
Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.

Soap, Powder:—Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 12, opening August 5.

Soap, Shaving:—Supplies of; Quartermaster, Fort Missoula, Mont.; circular 2, opening August 7.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.
Supplies of, for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.

Soap, Toilet:—Supplies of; Sales Officer, Fort George Wright, Wash.; circular 2, opening August 7.
Supplies of; Quartermaster, Barksdale Field, Shreveport, La.; circular 1, opening August 18.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.
Supplies of for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.
Supplies of; Quartermaster, Fort Missoula, Mont.; circular 2, opening August 7.
5,000 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 13, opening August 7.

Soda Bichromate:—2,000 pounds; Commanding Officer, Picatinny Arsenal, New Jersey; circular 47, opening August 13.

Soda Thiosulphate:—69,000 pounds; Quartermaster Supply Office, Army Base, Brooklyn, N. Y.; circular 17, opening August 10.
35,750 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 19, opening August 12.

Spices:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 9, opening August 12.
Supplies of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 19, opening August 17.
Supplies of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 9, opening August 4.
Supplies of, for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 7, opening August 7.

Starch, Laundry:—Supplies of; Quartermaster, Barksdale Field, Shreveport, La.; circular 1, opening August 18.
Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; circular 2, opening August 6.

Sulphuric Acid:—1,500 pounds; Commanding Officer, Picatinny Arsenal, New Jersey, circular 47, opening August 13.

Titanium Pigment:—500,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, for Norfolk; schedule 8264, supplemental bids, opening August 14.
450,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, for Mare Island; schedule 8264, supplemental bids, opening August 14.

Tooth Paste:—Supplies of; Commanding Officer, Quartermaster Corps, Depot, Seattle, Wash.; circular 2, opening August 6.

Varnish, Black Asphalt:—300 gallons; U. S. Engineer Office, Huntington, W. Va.; circular 12, opening August 7.

Venetian Red Pigment:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3170, opening August 10.

Washing Powder:—Supplies of; Quartermaster, Barksdale Field, Shreveport, La.; circular 1, opening August 18.
Supplies of; Commanding Officer, Quartermaster Depot; Seattle, Wash.; circular 2, opening August 6.
Supplies of; Sales Officer, Fort George Wright, Wash.; circular 2, opening August 7.
Supplies of, for various deliveries; Commanding Officer, Quartermaster Corps, Army Base, Boston, Mass.; circular 13, opening August 5.

Wax, Floor:—3,600 pounds; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 490-S, opening August 5.

White Lead:—10,000 pounds; Quartermaster, Marine Corps, Washington; schedule 64, opening August 7.

White Lead in Oil:—15,000 pounds; Procurement Division, Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 469-S, opening August 4.

Contracts Awarded

Acetylene Gas:—Supplies from July 1, 1936, to June 30, 1937; award to the Linde Air Products Company, this city, $6,530, by the Lighthouse Service, Detroit, Mich.; procurement 4750, opened June 9.
320,000 cubic feet; award to the Linde Air Products Company, this city, at $21.50 per thousand cubic feet, by the Lighthouse Service, Philadelphia, Pa.; procurement 110, opened June 26.
250,000 cubic feet; award to the Stuart Oxygen Company, San Francisco, at $22.50 per thousand cubic feet, by the Lighthouse Service, San Francisco; procurement 41, opened June 19.
100,000 cubic feet; award to the Linde Air Products Company, this city, $2,722, by the Lighthouse Service, Portland, Ore.; procurement 754, opened June 25.

Acetic Acid:—56,000 pounds; award to the Niacet Chemicals Corporation, Niagara Falls, at 6.53 cents a pound, by the Chemical Warfare Service; procurement 100, opened June 19.

Anilin:—13,500 pounds; award to the Dow Chemical Company, Midland, Mich., at 15.86 cents a pound, by the Chemical Warfare Service; procurement 100, opened June 19.

Butyric Acid:—1,000 pounds; award to the Merit Supply Company, this city, at 26.8 cents a pound, by the Chemical Warfare Service; procurement 98, opened June 19.

Paint, Varnish, Lacquer Materials

Spanish Red Oxide Points Toward Stronger Position — Replacements From Abroad Unobtainable — Rosin Active at Further Advance — Kauri Gum Up

The position of Spanish red oxides stands out importantly among the raw materials for paint, varnish and lacquer manufacture that are likely to undergo price change. The revolutionary uprising in Spain has cut off replacements for the time being and there has been a lively scramble for spot stocks at current market prices. Holders of supplies are limiting their sale to regular customers. Importers are out of communication with their principals abroad, but it was fairly well established here that at least one supply depot in Malaga has been destroyed under the ravages of the revolution. According to the way sellers feel now, an early rise in prices may be expected.

The principal changes of the week under review took place in the gum market. Rosin advanced again and prices for some gradings of brown kauri gums were marked upward in predication of the frequent reports of a low yield in the New Zealand fields in the recent past.

Lead pigments continue under the usual wraps of the July-August period. Of more than passing interest was the public remark made last week by the chairman of the board of directors of a leading pigment manufacturer, who stated that no increase in white lead prices is being considered. White lead has remained at a stationary level for many months past.

The trend of rosin quotations continued upward in Southern and local markets last week. Business in primary centers was active and some improvement was noted in local demand. Turpentine was rather quiet and the tendency of prices was reactionary at times. Weather conditions were favorable for operations in the woods and receipts were liberal.

Sales of paint, varnish, lacquer and fillers in June were valued at $40,420,332, bringing sales for the first half of the year up to $198,069,838, according to reports from 680 establishments. The Bureau of Census figure for 579 establishments was $38,664,104 for June, against $32,325,512 in June last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Charcoal, softwood, Eastern States, $3 per ton
Gum, kauri, B1, 2c. per lb.
B2, 1c. per lb.
80 percent chips, 3c. per lb.
Rosin, 15c. to $1 per 280 lbs.
Rosin oil, 1c. per gal.
Turpentine, s.d., 1c. per gal.

Reduced

Turpentine, gum, 1¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	129.9	129.9	134.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The performance of the lead market was rather spotty but trading was more active than in recent weeks. At times during the week there was a good inquiry for August and September position. Customers waiting lists were again in evidence in mid-week. Prices hold at 4.45c. per pound, East St. Louis and 4.60c. to 4.65c. per pound at New York. According to the American Bureau of Metal Statistics, lead consumption outside United States averaged 101,178 tons a month against 98,665 tons a month for all of 1935. The 1934 average was 95,771 tons.

Zinc holds an even position under a routine interest from the galvanizers and other buyers. London improved during the forepart of the week and mounted the 14 mark but slipped back later in the week. Zinc consumption outside United States this year averaged 89,583 tons a month against 84,941 tons a month in 1935 and 76,904 tons in 1934, according to the American Bureau of Metal Statistics.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 25 to July 31, inclusive, are as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday...	$0.0460@.0465	$0.0445	.. .. ..
Monday ...	.0460@.0465	.0445	16 15 0
Tuesday ...	.0460@.0465	.0445	16 12 6
Wednesday.	.0460@.0465	.0445	16 10 0
Thursday ..	.0460@.0465	.0445	16 6 3
Friday	.0460@.0465	.0445	16 15 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 25 to July 31, inclusive, are as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05225	$0.0480	.. .. ..
Monday	.05225	.0480	13 18 9
Tuesday	.05225	.0480	14 0 0
Wednesday ..	.05225	.0480	14 1 3
Thursday ...	.05225	.0480	13 17 6
Friday	.05225	.0480	13 17 6

Pigments

The pigment market continued along an even and undisturbed course last week. Manufacturers of surface coatings continue to buy in a very mild way and the makers of rubber products and linoleum products are relatively more active buyers at this time. It was interesting to note the remark of the chairman of the board of directors of a leading pigment producer last week who indicated that July business had been seasonably better than last July. Another pertinent remark made by this gentleman was that no increase in white lead prices is being considered.

White Lead.—There is no consideration of an increase in white lead prices, according to a public remark made last week by one of the leading factors in the industry. The demands of the trade are light as they usually are in July and August.

Red Lead.—The battery trade's needs are moderate at this time of the year. The call for replacements is no better than it had been during the early part of the month. Prices for car lot and smaller amounts continue at the levels that have been in force for some months.

Litharge.—The call from the regular channels of consumption continues in the mild fashion of the early part of July. Trade is at usual dimensions for the July-August period. Prices hold an even position throughout.

Lithopone.—The movement from Western manufacturing plants continues small and still shows the effects of drought conditions in the Middle West. The market in the East is also slow but is relatively more active than the Chicago market. Prices hold at schedule.

Titanium Pigments.—There has been no change from the conditions of recent weeks. The Procurement Division of the United States Treasury Department has approved new Federal specifications (TT-P-101a) for ready-mixed white, titanium-zinc and titanium-zinc-lead paint for outside use. The new specifications supersede TT-P-101. Copies may be purchased from the Superintendent of Documents, Governmental Printing Office, Washington, at 5 cents each.

Zinc Oxide.—The linoleum makers and the rubber products manufacturers are relatively more active buyers than the paint trade. The latter's interest in replacements has dwindled to usual Summer proportions. Prices continue at the schedule.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1881

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
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OIL SOLUBLE COLORS SPIRIT COLORS ◆ DYESTUFFS ◆ WATER SOLUBLE COLORS WOOD STAINS
BISMARCK BROWN • FOR THE PAINT SUPPLY HOUSE • NIGROSINE
OPAL FLUORESCEIN • FOR SOAP MAKERS • NAPHTHOL GREEN
See GREEN BOOK Who's Who For Alphabetical Listings
"Everything in an Aniline Color for Any Trade"

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Are they commensurable with your selling expense? We will act either as your Ohio Sales Managers or Direct Representatives on a commission basis.
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STEARATES
ALUMINUM STEARATE CALCIUM STEARATE
MAGNESIUM STEARATE ZINC STEARATE
Stocks carried also at Chicago, St. Louis, San Francisco, Los Angeles, Kansas City, New Orleans, Des Moines
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Building No. 9, Bush Terminal BROOKLYN, N. Y.

No. 12 CAN or TUBE FILLER
For filling Colors in Oil or Japan. Adjustable to any capacity up to 1 quart.
Write for quotations
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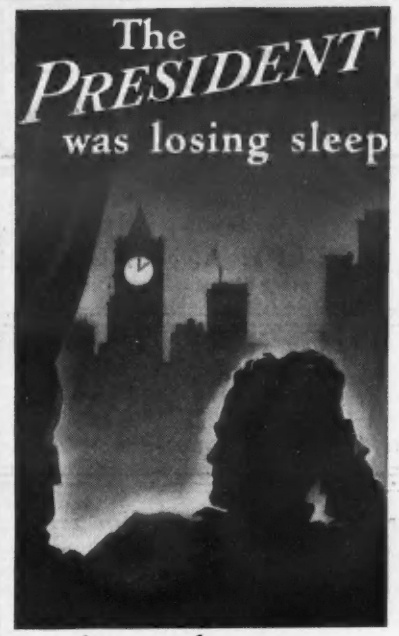
DETROIT - - MICHIGAN

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts
FOR RESINS and PLASTIC MANUFACTURE
ACETALDEHYDE
PARALDEHYDE
CROTONALDEHYDE
ACETALDOL
PENTAERYTHRITOL
CROTONIC ACID
NIACET CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.



—because he was losing business

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Fillers and Extenders

Mineral whites and fillers share the relative quiet of the opaque pigment market. Trade is confined to Summer limits, and, while one or two factors report a fair volume of business with the makers of surface coatings, most of those interviewed last week indicated that business is just as slow as it was last year at this time.

Calcium Sulphide.—The luminous article continues unchanged in price. Latest reports indicated a sustained interest from the lacquer trade.

Gypsum.—Producers have not advised of any recent change in the prices for plaster of paris, Keene's cement, terra alba or gypsum.

Whiting.—Sellers of limestone and chalk grades report that prices are holding in a steady position at the schedules that have been in force for some time.

Dry Colors

Spanish red oxide holds the spotlight position in the market these days. The revolutionary uprising in Spain is almost certain to have an effect upon prices here. Replacement ordering from abroad is impossible at this time and importers are apportioning spot stocks to their regular customers. Charcoal prices have been raised in the eastern section of the country. Chemical color prices hold evenly throughout.

Cadmium Sulphide.—As reported here a week ago, prices for orange material were reduced 10c. per pound to the basis of 90c. for 100-pound kegs and 95c. per pound for smaller quantities. There was no further change last week.

Carbon Black.—The market continued in a steady position. Demands are active, and, according to the indications coming out of Akron, August schedules are nicely proportioned. Specialty blacks for the lacquer trade are moving actively at unchanged prices.

Charcoal.—Car-lot prices on softwood material have been raised $3 per ton in the Eastern states. Quotations for deliveries in Illinois and Wisconsin continue unchanged and prices for deliveries in most states west of the Mississippi are subject to individual negotiation. Carlot prices for eastern delivery are now as follows:—Delivered in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut, $28.80 per ton; delivered New Jersey, Delaware, Maryland, New York, Kentucky, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Tennessee, Alabama and Mississippi, $28.40 per ton; delivered Michigan, Pennsylvania and Ohio, $27.80 per ton; delivered Indiana, $26 per ton; and delivered Illinois and Wisconsin, $23 per ton.

Iron Blues.—Prices are holding at the established schedule in a steady position. The demands against contract are moderately active for this time of the year.

Spanish Red Oxides.—The revolutionary uprising in Spain places this article in a scarce and potentially strong position. Importers continue to post unchanged price schedules, but limit supplies to regular customers. There was a lively interest in the article last week and some is traceable to speculative interests. Importers are unable to communicate with suppliers in Malaga, but it was understood that at least one supply depot had been destroyed in the fighting in Malaga last week. Even if other mines or plants escape harm, importers here believe that first costs will be raised. An early boost in the prices here may be expected.

Varnish Gums

Brown kauri gum prices were changed last week for the first time in several months. Kauri digging has

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

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MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
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Let us quote you on your requirements. You gain in prestige, in good will and high favor when you use Pittsburg Steel Containers.
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NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
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been conducted on a reduced scale for sometime and the recent reports of light supplies on brown gums and chips have been predicated by last week's advances in prices. East India gums are unchanged. The demand side of the market continues with mild activity.

Copal.—There has been no change in the market since the reduction in quotations for Singapore Rasak bold and Manila DK gradings a week ago. The Manila gums are steadier now after some softness. Demands for Congo gums continue routine.

Dammar.—Batavia and Singapore gums hold a steady position and prices have not been altered for the past few weeks. Demands are hardly better than jobbing size.

Kauri.—The first change in prices for some time took place last week. The light supply of brown and chip gradings in New Zealand resulted in a higher replacement market. The price for B1 was advanced 2c. per pound to 21c., while B2's went up 1c. to the basis of 15½c. per pound and 80 percent chips were raised 3c. per pound to the basis of 9½c. per pound. The aforementioned prices are for straight or mixed cars and are subject to the usual differential for smaller quantities.

Synthetic Resins

The possibility of repeated prices on ester gums for the final four months of the year does not seem as likely as had been thought previously. Manufacturers now have to consider the advance in glycerin prices which took place a fortnight ago and which was the sharpest rise in that product in a great many years. It is expected that ester makers will have prices available for the trade in the middle of this week and it is the feeling now that the prices will be fractionally higher than the 7⅝c. to 8⅜c. per pound basis which has been in force.

Naval Stores

The strength of rosin was again the feature of the naval stores situation last week. Demand showed a further expansion not only in the South, but also here, and the trend of all grades was upward. Business in turpentine was comparatively quiet and the tendency of prices was reactionary at times although the undertone of primary centers still appeared to be firm. The strength in rosin of late was attributed to a belated demand from buyers in the various consuming fields, some of whom had apparently held aloof in expectation of lower prices but whose attitude was changed by the prospective reduction in the output and the steady change for the better in the character of reports concerning the trend of general business in this country and the growing strength of the statistical position of naval stores, especially rosin.

Supplies of rosin in the three principal markets in the South are well below the holdings at this period in any recent preceding year, the deficit as compared with last year being about 130,000 barrels. Supplies of turpentine are also smaller than a year ago though the difference is far less marked than in the case of rosin. The consumption of turpentine is reported to be on the increase, however, and while private and government supplies are liberal, there is a belief in some quarters that the developments in rosin are likely to be reflected to some extent sooner or later in the turpentine situation. Export business in rosin was good last week and there were reports of some improvement in the foreign inquiry for turpentine. Sales of government holdings of turpentine were reported at prices about a cent above the open market quotation though details were lacking. There appeared to be less apprehension in trade circles regarding the government holdings, however, than was recently the case. According to a report from an official source production of turpentine and rosin in Mexico has increased recently and in June, 56,645 gallons of the former and 200 metric tons of the latter were exported to this country.

Turpentine.—There were reports of a fair inquiry from local and other consumers last week but as in recent preceding periods, purchasing was generally confined to comparatively small or moderate quantities to fill current needs. With supplies liberal in the South, consumers showed little disposition to provide at current prices for future needs although bullish opinions prevailed in some quarters concerning the outlook for business and prices as a result of the prospective curtailment of production and the steady improvement in reports concerning the condition of American trade in general.

SAVANNAH, July 31.—Turpentine prices had a reactionary trend at times, but the undertone of the market remained firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday ..	37¼	206	626	27	31,818
Monday ...	37	353	412	658	31,574
Tuesday ...	36½	191	1,084	16	32,642
Wednesday..	36¾	186	390	6	33,026
Thursday ..	36½	127	793	...	33,819
Friday	36¼	294	481	1,482	32,818

JACKSONVILLE, July 30.—Turpentine prices were irregular. Sales were fair. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	37½	62	242	1,005	47,209
Saturday ..	37	158	479	33	47,655
Monday ...	36	125	578	35	48,198
Tuesday ...	36½	153	233	135	48,596
Wednesday..	36½	122	316	2,410	46,202
Thursday ..	36½	67	395	6	46,391

PENSACOLA, July 25.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	202	242	28,184
Tuesday	199	163	28,220
Wednesday	101	...	28,321
Thursday	131	...	28,452
Friday	129	122	28,459
Saturday	214	161	28,512

CHICAGO, July 31.—Holders of turpentine are not offering much at this time. What material is made available is finding a ready demand at the current prices. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, July 31.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	40	3
Monday	40	3
Tuesday	39	9
Wednesday	39	3
Thursday	39	3
Friday	39	3

Stocks of American turpentine in London were:—

	July 31.	Previous week.	Last year.
Barrels	9,968	4,821	6,577

Rosin.—With the trend of quotations upward in the South, the local market displayed strength last week. Business was more active, buying interest being stimulated by developments in primary centers and by the reports of expanding activity in various branches of American industry. Weather conditions were generally favorable for operations in the woods and marketing continued rather free. Predictions were heard of a continuation of liberal arrivals as a result of the recent advance in prices. A good export inquiry was reported in primary centers.

CHICAGO, July 31.—Prices for rosin have been rising sharply. Buying interest has been acute at times. Little material is available for sale, at least in any substantial quantities. Buyers would gladly buy below these points but find few offerings. Ruling prices at the close of business last night were:—B grade, $7.50 per lot of 280 pounds; G grade, $8.42½; M grade, $8.52½; W. W. grade, $9.25.

(Continued on page 44)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

DE HAEN'S FIXANAL PREPARATIONS
Time Savers for Normal Solutions. Sold by All Leading Laboratory Supply Houses
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Unexcelled for:
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AKRON, Binney & Smith Co. . BOSTON, Hird & Connor, Inc. . CINCINNATI, B. H. Roettker Co. CLEVELAND, Binney & Smith Co. . . CHICAGO, Binney & Smith Co. . . DETROIT, C. W. Hess Co. . . LOS ANGELES, Martin, Hoyt & Milne, Inc. . . . MONTREAL, H. L. Blachford PHILADELPHIA, Binney & Smith Co... ST. LOUIS, J. E. Niehaus & Co. . . ST. PAUL, Worum Chemical Co. . . . . SAN FRANCISCO, Martin, Hoyt & Milne, Inc.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundredth-Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Beeswax

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for March 12, 1934, page 20)*

Chemical

Ingredient (Brit. 404504) of—
- Solution used in obtaining polymerized products of acrylic acid, its esters, salts, or homologs; polymerides are insoluble in the wax

Purifying agent (Brit. 398136) in making—
- Aromatic alcohols, such as phenylethyl alcohols and their homologs, by the action of alkylene oxides upon aromatic hydrocarbons

Disinfectant

Ingredient (Brit. 397238) of—
- Candles, containing elementary iodine, used for disinfectant purposes

Electrical

Filler for—
- Cable junctions
- Instrument transformers
- Terminal boxes

Sealing agent (Brit. 402967) in—
- Electrolytic cells, such as condensers, to prevent escape of liquid from exhaust ports provided for the escape of gases under pressure

Metallurgical

Ingredient (U.S. 1948194) of—
- Soap solution used as a lubricant in drawing and stamping metals

Miscellaneous

Ingredient of—
- Composition for polishing and cleansing paintwork, wood, or rubber (in emulsion) with white spirit, turpentine, water, kieselguhr, perfume, and dye (Brit. 407028)
- Shoe or floor polish consisting of a solution in turpentine, or other solvent, of the product obtained by reacting the warm, liquefied or dissolved wax with hydrogen in the presence of a hydrogenating catalyst so as to reduce the saponification value at most by 15 percent; improvement in color, iodine value, melting point, content of unsaponifiable matter, solubility is claimed (Brit. 388864)

Paper

Ingredient of—
- Coating composition, used in making a washable and greaseproof wallpaper, containing also a cellulose derivative, such as cellulose nitrate or acetate, or ethylcellulose or benzylcellulose, and solvents, plasticizers, and natural or synthetic resins (Brit. 394974)
- Moistureproof, transparent lacquer for coating wrapping paper, containing also a plasticizer, nitrocellulose or other cellulose derivative, and suitable solvents, but no castor oil, gum, or resin (Brit. 412687)
- Sizing emulsions (Brit. 395155 and 404386)
- Waterproofing composition containing also chlorinated rubber and a plasticizer (French 740013)

Starting point (Brit. 395155) in making—
- Emulsified sizing agents insensitive to hard water, by reacting with a monocarboxylic acid ester of a polyglycerin, such as polyglycerin coconut oleic acid ester

Paint and Varnish

Absorbent in—
- Paint and varnish removers

Ingredient of—
- Antifouling paints
- Lacquers for flexible materials, based on a soluble polymerized vinyl compound, a plasticizer, and a solvent (Brit. 389914)

Plastics

Ingredient (Brit. 416412) of—
- Moulded products made from a solution of a cellulose derivative and a polyvinyl resin together with cork, leather dust, or wood pulp, a plasticizer, and other synthetic resins

Soap

Ingredient (Brit. 407039) of—
- Antiseptic washing and cleansing agents prepared by incorporating water-soluble mercury, silver, or gold salts, which dissociate into metal ions, with aliphatic compounds having strong wetting and washing power, containing at least 8 carbon atoms, having an acid sulphuric or phosphoric ester group or sulphonic acid group in an end position and forming water-soluble salts with said metals

Textile

Ingredient of—
- Impregnating or coating agents made from a solution of a cellulose derivative and a polyvinyl resin, a plasticizer, and other synthetic resins (Brit. 416412)
- Waterproofing composition consisting of emulsion with a dispersion agent, and organic amine, pine oil, oleic acid, a synthetic wax, aluminum acetate, and sodium silicate (Brit. 401282)

5-Chlor-2:4-dimethoxyanilide

Dye

Starting point (Brit. 434209 and 434433) in making—
- Red dyestuffs (water-insoluble) by coupling (in substance or on the fiber) with phenylorthoanisidin 4-sulphonate
- Bluish-red dyestuffs (water-insoluble) by coupling (in substance or on the fiber) with meta-4-xylidin-6-sulphobenzylmethylamide
- Reddish-bordeaux dyestuffs (water-insoluble) by coupling (in substance or on the fiber) with 6-chlorometatoluidin 5-sulphonpiperidide

---

Ditolyl-Bismuthine

Petroleum

Addition agent (Brit. 433257) in—
- Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

---

Ditolyl-Zinc

Petroleum

Addition agent (Brit. 433257) in—
- Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

---

2:3-Hydroxynaphthoic-dodecylamide

Dye

Starting point (Brit. 434243) in making—
- Orange-red dyestuffs for lacquers, waxes, and the like, by coupling with anilin
- Reddish-blue dyestuffs for lacquers, waxes, and the like, by coupling with dianisidin
- Blue dyestuffs for lacquers, waxes, and the like, by coupling with 4-benzamido-2:5-diethoxyanilin

Octyl Alcohol

(2-Ethylhexanol)

Analysis

Extracting medium for various purposes in institutional, industrial research, and control work

Solvent in analyzing and testing—

Mineral, animal, and vegetable oils	Fats
	Resins
Natural and synthetic gums	Waxes

Ceramics

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used as coatings for protecting and decorating ceramic products

Chemical

As a colorless, slightly viscous liquid, miscible with most organic solvents, in chemical manufacture

As a solvent

Increaser of—
- Solvent power of true solvents for nitrocellulose

Starting point in making—
- Esters

Cosmetic

Increaser of—
- Solvent power of true solvents for nitrocellulose in nail enamels and lacquers

Dye

Solvent for—
- Dyestuffs

Electrical

Increaser of—
- Solvent power of true solvents for nitrocellulose in insulating compositions used for covering wire and in making electrical machinery and equipment

Fats, Oils, and Waxes

Solvent for—

Animal oils	Vegetable oils
Fats	Waxes

Glass

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used in the manufacture of non-scatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Solvent for—

Natural gums	Synthetic gums

Leather

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Miscellaneous

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used in various industries, principally as coatings

Paint and Varnish

High-boiling solvent in—

Baking finishes	Mist coats
Brushing lacquers	Stencil lacquers
Dipping lacquers	

Increaser of—
- Solvent power of true solvents for nitrocellulose

Solvent for—

Dyes	Vegetable oils
Gums	Waxes
Resins	

Paper

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Petroleum

Solvent for—
- Mineral oils

Resins

Solvent for—
- Resins

Rubber

Increaser of—
- Solvent power of true solvents for nitrocellulose in compositions used as coatings for decorating and protecting rubber products

Textile

Coupling agent in making—
- Finishing compounds

Starting point in making—
- Penetrants for mercerizing cotton, by admixture with various cresols

---

Phenylethyl-Mercury Dithiocarbamate

Oils, Fats, and Waxes

Addition agent (Brit. 440175) for—
- Lubricating oils or greases used under high-pressure working conditions

---

Phenylorthoanisidin 4-Sulphonate

Dye

Coupling agent (Brit. 434209 and 434433) in making—
- Water-insoluble red dyestuffs with 5-chlor-2:4-dimethoxyanilide

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Sodium-Dimeta-aminobenzamidostilbene Disulphonate

Paper

Impregnating agent and absorbent for ultraviolet light (Brit. 436891) in—
- Treating paper and like products to be used as food containers

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Sodium-Monopara-aminobenzoylaparaphenylenediamine Sulphonate

Paper

Impregnating agent and absorbent for ultraviolet light (Brit. 436891) in—
- Treating paper and like products to be used as food containers

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Tetrachlor-1:2-chrysenequinone

Dye

Intermediate (Brit. 438609) in making—
- Synthetic dyes

Tetraethyl-Antimony Fluoride

Oils, Fats, and Waxes

Addition agent (Brit. 440175) for—
- Lubricating oils or greases used under high-pressure working conditions

---

Tetrahexahydrophenylthiuram Disulphide

Oils, Fats, and Waxes

Starting point (Brit. 440175) in making—
- Addition agents for high-pressure lubricating oils or greases, by mixing and reacting with organometallic compounds

---

Tetramethylthiuram Disulphide

(Additional uses—supplementary to lists printed in the OIL, PAINT AND DRUG REPORTER *for April 20, 1936, page 31, and May 4, 1936, page 34)*

Oils, Fats, and Waxes

Starting point (Brit. 440175) in making—
- Addition agents for high-pressure lubricating oils or greases, by mixing and reacting with organometallic compounds

Oils, Fats and Waxes

Tallow Offerings Somewhat Freer and Prices Decline — Greases Also Shaded — Cottonseed Oil Firmer — Denatured Olive Scarce and Higher—Chinawood and Oiticica Lower

Fewer price movements were recorded in the market for miscellaneous vegetable, animal and fish oils, fats and greases last week. Here and there the tendency was reactionary, but in general the tone remained firm and advances in quotations outnumbered reductions. With lard and grain displaying noteworthy strength and with the trend of cottonseed oil upward at times, offerings of many products were noticeably light. Business was quieter, consumers being inclined in not a few instances to curtail purchases for a time.

As to changes in prices, a development of importance was a reaction in tallow. Offerings of that commodity were somewhat freer and sales were reported at a decline. Greases were also shaded. The trend of cash lard was upward at times in company with futures in the West, where speculative sentiment was apparently influenced to some extent by the action of the markets for grain. Sales of crude menhaden oil were reported at an advance.

Among the vegetable products, chinawood oil was lower in company with the primary market. Copra was steady, but crude coconut oil was reduced slightly and rapeseed oil was also available at concessions. Olive oil continued to rise on the increasing seriousness of the Spanish political situation.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn oil, ⅛c. to ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Lard, 25c. to 35c. per 100 lbs.
Linseed cake, 50c. per ton.
Linseed meal, $1 per ton.
Menhaden oil, crude, 2c. per gal.
Olive oil, denatured, 15c. per gal.
Olive oil, edible, 10c. per gal.
Olive oil, foots, ½c. per lb.
Peanut oil, crude, ⅛c. per lb.
Perilla oil, ⅛c. per lb.
Sunflowerseed oil, ¼c. per lb.
Teaseed oil, 1½c. per lb.

Reduced

Chinawood oil, ½c. to ¾c. per lb.
Coconut oil, crude, ⅛c. per lb.
Grease, ⅛c. to ¼c. per lb.
Oiticica oil, ½c. per lb.
Rapeseed oil, 1c. per gal.
Tallow, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.2	129.1	118.1	120.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market was firm at the recent advance. According to the U. S. Bureau of Agricultural Economics, babassu oil has many of the characteristics of coconut oil, is an excellent food oil and also contains a high percentage of lauric acid, the acid which makes coconut and palmkernel oils so desirable for imparting lathering qualities, especially to saltwater and hard water soaps.

Chinawood.—The trend of prices here was downward at times in company with developments abroad where the market weakened apparently because of the aloofness of buyers. Business here and on the coast was quieter and quotations were reduced about ½c. to ¾c. per pound under those ruling at the close of the previous week. Although such figures were said to be below the import cost, there was little disposition among buyers to enter the market to any extent for fresh supplies. Importations during five months of the current year ended with May were 67,059,961 pounds against 43,335,891 pounds in the same time last year.

Coconut.—Quiet conditions prevailed in local and coast markets last week and an easier tone developed, although there was apparently no material change in the situation abroad. Some competing products weakened, however, and quotations on crude oil were shaded ⅛c. per pound. Occasional inquiries were noted, but there were few transactions reported. Edible oil was maintained at previous levels by refiners. Trade was quiet. Copra offerings were light and the market retained a steady tone.

Hempseed.—The market was firm at the recent advance. The new tax on hempseed and oil, it is pointed out in a statement by the U. S. Bureau of Agricultural Economics, makes a total charge of 6c. a pound on the oil and with the 2c. tax on seed means a charge of almost 8c. a pound against the average oil yield. Imports of hemp oil have been negligible and prior to 1934 imported hempseed were used for purposes other than crushing. Imports of seed increased from 5,000,000 pounds in 1934 to 117,000,000 pounds in 1935. The recently increasing imports of seed for crushing are likely to be greatly reduced if not practically eliminated by the new tax.

Oiticica.—The market was easier owing to weakness in competing product and a lack of demand. Supplies were available at 13¾c. per pound on spot and it was said to be possible to shade that figure on a bid. According to the U. S. Bureau of Agricultural Economics, the taxes on hemp and perilla oils and seed may tend to encourage the importation and use of oiticica oil, on which there is no tax, adding: "Comparatively little, probably less than 20,000,000 pounds all told, has as yet been produced. Use of the oil is still in the experimental stage, but Brazil has large native supplies of the nut and industrial research on the oil is receiving much attention."

Olive.—Denatured olive oil was scarce not only on spot, but also for shipment, the shortage being due to political conditions in Spain, which have cut down importations of all descriptions. Late last week $1 per gallon was a nominal quotation for denatured Spanish oil. There were apparently no offerings from Greece. Some offerings were reported from Tunis, but the price was said to be above $1. Foots met with an increased inquiry and the market was firmer, some sellers advancing prices to 8¾c. to 9c. after making sales at 8½c.

Perilla.—There was a fair demand, and with offerings light the market was firmer, the tankcar price being ⅛c. per pound higher than in the previous week. In discussing the new tax, the U. S. Bureau of Agricultural Economics say that imports of perilla oil probably will be reduced but may not be eliminated. Considerable quantities seem to be needed, it is stated, for certain users not so well satisfied with linseed oil. The tax rate of 2c. a pound on perilla seed translates into almost 5½c. a pound on the average oil yield from the seed and under present conditions probably will eliminate the past small imports of seed for crushing.

Rapeseed.—The market was easier. Demand was quieter and offerings were noted at concessions of 1c. per gallon. A statement by the U. S. Bureau of Agricultural Economics says there is no duty on inedible rape oil; also there is no duty on rapeseed, but the new tax will mean about 5½c. per pound on the average oil yield. There has been some experimental domestic crushing, but practically all imported seed has been used for purposes other than crushing. It therefore seems probable that importations of rape oil for industrial purposes may be reduced and that its place in foods may be contested by soybean and cottonseed oils.

Soybean.—The market was quiet and steady. Crop reports were bullish. According to preliminary Census Bureau figures there were 39 mills in the United States which crushed soybeans during the quarter of 1936 ended with June. This compared with 21 mills in the same time last year. The crush during the past quarter was 203,773 tons, producing 56,911,243 pounds of oil and 162,710 tons of cake and meal, as compared with 67,179 tons, 19,582,025 pounds and 54,349 tons, respectively, in the corresponding period last year. Stocks of beans held by crushers on June 30 were 124,238 tons against 52,766 tons in 1935; oil, 24,085,768 pounds against 6,489,716 pounds; cake and meal, 18,367 tons against 29,971 tons.

Teaseed.—Prices were advanced 1c. to 1½c. per pound owing to a shrinkage in supplies and an increase in the import cost. According to the U. S. Bureau of Agricultural Economics, an excise tax has not been placed on teaseed oil, which is used as an adulterant of olive oil and imports of which have increased from 500,000 pounds in 1929 to 7,000,000 pounds in the first five months of 1936.

Markets at Other Centers

San Francisco, July 27.—A fair run of business has been taking place in vegetable oils, mostly in edible products, with perilla, however, holding its own. Prices

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Highest Quality
Saponified
RED OIL
Highest quality oil made for lubricating wool and for Textile Soaps
STEARIC ACID
Single, Double and Triple Pressed—Cakes, Powdered and Flakes
Established 1840
EMERY INDUSTRIES, Inc.
Formerly THE EMERY CANDLE CO.
CINCINNATI, OHIO
New York Office, 2116 Woolworth Bldg.
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STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND
RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
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205 E. 42nd St., New York City
Branches and stocks in all large cities

General American Tank Storage & Terminal Co., Inc.
A Subsidiary of General American Transportation Corp.
Can Handle Any Bulk Liquid
Terminals: Houston, Tex.; Corpus Christi, Tex.; Goodhope, La.; Westwego, La.; Carteret, N.J.
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A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID FATTY ACID
STEARIC ACID
RED OIL
GLYCERINE
STEARIC and BEESWAX CANDLES
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Sales Office: 122 East 42nd Street New York
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WE WANT TO PURCHASE
For our extraction plant in Woburn, Mass., large quantities of suitable materials of vegetable or animal fat content. Send samples and quotations immediately to
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Stearic Acid
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Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

have been going both ways, but as a rule are reflecting no decided market trend.

Ruling prices are:—

BABASSU.—Quoted at 7c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is easier at 4⅜c. per pound in tankcars, f.o.b. Pacific Coast mills, July-September shipment. Futures nominal.

COPRA.—What business took place was on a hand-to-mouth basis to fill small necessary replacements against mills' sales of oil here. Meal is quoted at $33 per ton for domestic, ex mill. Philippine meal quoted at $31.25 ex dock, San Francisco.

CHINAWOOD.—Easier at 17½c. per pound in tankcars, f.o.b. Pacific Coast ports, July-October shipment from the Pacific Coast.

PERILLA.—Japanese oil is quoted at 9¼c. per pound in tankcars, prompt to Fall shipment from the Pacific Coast out of storage.

HEMPSEED.—Crude oil is quoted at 8c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8¾c., prompt shipment. Refined oil is quoted at 9c. per ponnd in tankcars, with drum lots at 9¾c., ex warehouse.

TEASEED.—Nominally quoted at 9c. per pound in drums, c.i.f. Pacific Coast ports for shipment from the Orient. Last reports indicate scarcity of stocks in Orient.

SESAME.—Crude oil is quoted at 7⅜c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast.

Chicago, July 31.—Market movement of vegetable oils is mixed and is showing a slight amount of irregurarity, after its recent somewhat sustained advance. Trade is not overly large, purchases being made where buyers feel that the prices represent some advantage to them.

COCONUT.—Crude oil, 4⅜c. to 4½c. per pound, tankcar, Pacific Coast. Refined, edible oil, 9¾c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9⅛c. to 9¼c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11½c. to 12c. per pound, barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 19½c. to 20c. per pound; futures shipment, 18½c. to 19c.

SOYBEAN.—Crude, prompt shipment, 7¾c. to 8c. per pound, mills; and 9⅜c. to 9½c., Chicago.

PEANUT.—Crude, 9c. per pound.

Chicago, July 31.—Price range on soybeans for the week ended July 29:—No. 2 yellow, $1.26 to $1.30.

London, July 23.—Soybean oil, British crude, 30s. 6d. per hundredweight; palm kernel oil, refined, 30s. 6d. per hundredweight; rapeseed oil, crude extracted, 34s. 6d. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 21s. per hundredweight.

Linseed Oil

Changes in flaxseed prices were frequent last week in domestic markets with the undertone generally firm in company with cereals. Linseed oil was quiet and steady. Cake and meal higher.

Flaxseed—DULUTH, July 31.—A stiffening up of prices was noted in the Duluth flax market early this week as unfavorable crop reports continued to be heard from the flax growing areas of the Northwest. Grasshoppers were reported a new menace to the crop along with persistent lack of rainfall. In southern sections, however, excessive heat and dry weather have led to rapid maturity of the crop, with the result flaxseed already is being cut. The trade awaits the August flax report to determine just how severely the 1936 yield was reduced by heat and drouth. Local cash business continues quiet, with undertone firm to strong.

The week's closing price range was as follows:—

	Cash.	Sept.	Oct.
Saturday	$2.09½	$2.09½	$2.09
Monday	2.08½	2.08½	2.08½
Tuesday	2.09	2.09	2.08½
Wednesday	2.11	2.11	2.10⅝
Thursday	2.09	2.09	2.09
Friday	2.07	2.07	2.07

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week.	12,697	2,244	108,038	....
Since Aug. 1	3,244,888	290,073	628,030	452,773

MINNEAPOLIS, July 27.—Flaxseed quotations are holding firm compared with futures and there is a good demand for day to day offers. The first car of new flax arrived Monday and being of light weight sold at 4c. over September. Two cars arrived that day, one testing 50½ pounds and the other 51½ pounds. Both originated in Minnesota. Today two more cars appeared and weight tests were about the same as on early cars. The new seed looks fairly good but crushers say that the oil content is very low. A number of mailed samples have been received that showed weight test down to 42 pounds. All of the samples came from southern and central Minnesota.

Shippers in the country are trying to get arrive bids so they will know what they can pay the farmers for their offers. Crushers have little idea what the new seed is worth in the way of oil and are bidding all the way from 15c. to 40c. under September, according to weight. Farmers seem anxious to make sales.

Old crop seed is very scarce and wanted. No deliveries have been made on July contracts recently and there is little more than 100,000 bushels of flax to care for crusher requirements up until the new crop begins to move in volume.

Crop news from North Dakota is very bad and virtually no seed is expected from that state. A few spots in Montana and South Dakota promise fair yields and there are some fairly good spots in southern Minnesota. Heat ripened flax prematurely and threshing this season was about the earliest on record.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.12	$2.05	$2.07
Monday	2.10½	2.03½	2.04½
Tuesday	2.11⅛	2.04⅜	2.05½
Wednesday	2.13½	2.06½	2.07¼
Thursday	2.12½	2.05½	2.06½
Friday	2.11⅛	2.04⅛	2.05

Crop movement in bushels as follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week.	71,700	82,570	29,020	30,100
Since Sept. 1	8,252,960	5,035,746	1,611,820	1,095,390

BUENOS AIRES, July 31.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.29	$1.04⅞
Monday	1.29⅝	1.05¼
Tuesday	1.31½	1.02⅛
Wednesday	1.31¼	1.03⅜
Thursday	1.32⅞	1.03⅝
Friday	1.33¾	1.01⅝

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	547,000	299,000	543,000
United Kingdom	.....	4,000	.....
Continent	661,000	335,000	224,000
Orders	252,000	.....	492,000
Others	240,000	75,000	4,000
Totals	1,700,000	713,000	1,263,000

Since January 1

To—	Bushels This year.	Last year.
United States	6,669,000	10,279,000
United Kingdom	307,000	802,000
Continent	18,322,000	21,046,000
Orders	8,428,000	13,813,000
Others	1,557,000	2,022,000
Totals	35,283,000	47,962,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,693,000
Last year	5,315,000

WINNIPEG, July 31.—Trading in flaxseed futures was quiet with frequent changes in prices. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.66¼	$1.65¾	$1.65½
Monday	1.67½	1.66⅞	1.64¾
Tuesday	1.69½	1.69	1.66⅝
Wednesday	1.70½	1.70¼	1.68¼
Thursday	1.75½	1.72½	1.70
Friday	1.73½	1.73½	1.71

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	332,000	.....	.....
Continent	20,000	.....	8,000
Others	.....	.....	.....
Totals	352,000	.....	8,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	3,932,000	1,464,000
Continent	688,000	276,000
Others	44,000	40,000
Totals	4,664,000	1,780,000

HULL, July 27.—Quotations on flaxseed were:—

	Per ton La Plata.	Calcutta.
Saturday	£11¾	£14½
Monday	11¾	14½
Tuesday	11⅞	14½
Wednesday	12	14⅝
Thursday	12	14¼
Friday	12	14¼

Linseed Oil.—The market was quieter last week but the prevailing tone appeared to be firm. Quotations remained where they stood in the previous week with 9.5c. to 9.7c. per lb. named for tank cars. It was intimated that the outside figure could be shaded on a bid but there was little disposition among sellers to accept business at below the inside quotation as a generally firm tone prevailed in domestic and foreign markets for flaxseed while crop accounts from the Northwest continued bullish.

Occasional inquiries were received for oil but few transactions were reported, consumers being inclined to await further developments in the crop situation in this country and Argentina. Steady withdrawals on contracts were noted here and in outside markets, however, and the output of the mills was apparently being well absorbed. Stocks of both seed and oil in the hands of crushers were said to be small.

Droughty conditions continued to prevail in the Northwest and predictions were heard of a very unfavorable government report for August, date for which is gathered on August 1. There was said to be a tendency to scale down private estimates of the yield. According to correspondence from the Northwest the indications point to practically a complete failure of the crop in North Dakota and the situation in some other states was said to be going from bad to worse, though fair yields were indicated in parts of Minnesota, Montana and South Dakota.

Nothing new in the way of crop accounts was received from Argentina. The Buenos Aires market had an upward trend at times, however, and this was taken by some as an indication that acreage prospects have not changed materially. An official report on the acreage in Argentina will be published the latter part of August. Recent private reports from that country were to the effect that as a result of excessive rainfall the acreage seemed likely to be smaller than the last especially in the northern districts.

Arrivals of flaxseed at New York last week amounted to 18,600 bushels.

MINNEAPOLIS, July 27.—Shipping instructions on old and maturing oil-contracts are good and the supply on hand here is diminishing rapidly. At present there is perhaps 20 percent of capacity in operation so the fresh make is small.

There is a little small lot business being written right along but big buyers are not showing interest in deferred requirements on the basis of domestic flax costs on account of the cheaper material to be obtained in Argentina. Currently there is virtually no contracting being done. Even cooperage car lots are hard to sell and there is very little call for quotations on tankcar lots. Trade in round lots is off the card for the time being.

Quotations on car load lots f.o.b. Minneapolis, cooperage, 10.3c. per pound, tank-

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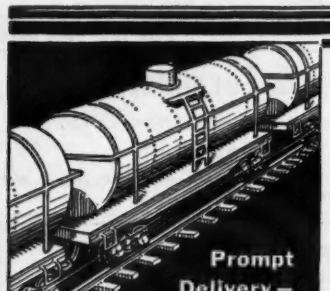

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car lots 9.9c. per pound and warehouse lots 10.9c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,725,612	1,031,337
Since Sept. 1	104,742,421	52,224,913

CHICAGO, July 31.—Buying of linseed oil has been along mostly routine lines. Most buyers specify shipment of limited amounts, for mostly prompt delivery. Ruling prices of representative sellers are:—Tankcar, 9.9c. per pound; drums, car lots, 10.6c.; warehouse deliveries, five drums, 10.9c.

SAN FRANCISCO, July 27.—Having taken out what was considered to be a large part of their balance-of-the-year requirements a month or so ago, consumers of linseed oil have for the large part withdrawn. Meantime, however, the basic market price has been moving downwards on competitive operations of mills and some tankcars of oil were known to have been available here at less than 10 cents last week. Meantime, sellers' open quotations remain unchanged. Quoted: Tankcars, 10.5c. per pound; drum car lots ex mill, 11.1c.; drum lots ex warehouse, 11.5c. Meal is quoted at $35 per ton.

LONDON, July 27.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	4½
Monday	26	4½
Tuesday	26	6
Wednesday	26	7½
Thursday	26	7½
Friday	26	7½

Cake and Meal.—A firm tone continued to prevail in the local market last week and prices were advanced further, meal moving up to $40 per ton with sales reported at that figure. The inquiry was more active and at the close of the week supplies on spot appeared to be light. Cake was in fair demand for export with sales reported at $28 per ton.

MINNEAPOLIS, July 27.—Trade in linseed meal is very quiet but shipping instructions on old and maturing orders are good and at the moment crushers are not turning out enough meal to take care of these instructions. Buyers want small lots, chiefly in mixed cars with millfeed. Burning pasturage makes the call for stocks in second position fairly active but the interior distributors seem to have some meal on hand.

Quotations on carload lots f.o.b. Minneapolis, 30 percent protein test, $37.00 to $37.50 per ton, 37 percent protein $41.00 to $41.50 per ton.

Some Canadian meal is being offered to the trade at comparatively low prices and this tends to keep demand for local offers down. This meal is being offered between here and Canadian points and as yet has not been offered south of Minneapolis.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,140,975	2,373,820
Since Sept. 1	212,539,695	78,434,171

CHICAGO, July 31.—The linseed meal market is now steady, after its recent sharp upward movement. Resellers continue to offer a little material. Round lot business is slow. Ruling prices are:—Round lots, $40 per ton, partly nominal; car lots, $40.50 to $41; less than car lots, $42.50 to $43.

Cottonseed Oil

A firm tone prevailed much of the time in local and Southern markets for cottonseed products. Trading in refined oil futures here was more active.

Cottonseed Oil.—The market here for refined cottonseed oil futures was more active last week. Early in the period transactions were comparatively light but later on operations broadened, speculative interest being stimulated by the bullish developments in the markets for grain and lard. Also the encouraging character of reports concerning the trend of general business in this country and the action of the markets for securities were apparently not without some effect upon sentiment in cottonseed oil trade circles here and in the South. Southern markets for crude oil and other cottonseed products were firm. With the new cotton crop still backward in important sections by two or more weeks holders of old crop supplies of products were not disposed to offer very freely.

Early in the week there was scattered liquidation for long account by local and outside interests together with more or less selling which was attributed by some to refiners but there was little inclination to take the aggressive on the selling side. In the opinion of some the technical speculative position was improved by recent liquidation and at the same time some expansion in the short interest. Some products which compete with cottonseed oil were easier. Tallow offerings were somewhat freer and sales were reported at a decline. Quotations on greases were also shaded while coconut oil was reduced slightly.

Lard compound was firm with some improvement reported in the demand. Marketing of hogs continued to run ahead of the same time last year but hog prices in Western centers were generally firm. The arrivals of hogs in the principal Western markets for four days of the week aggregated 198,800 head against 128,400 head in the same time last year. The average weight of the hogs received in Chicago during the week ended July 25 was 268 pounds against 264 pounds in the previous week and 265 pounds in the same week last year.

Reports from the South regarding the progress of the cotton crop were more favorable than recently though accounts of a bullish character were not lacking. The weekly government weather and crop report stated that in Texas progress and condition are generally good though intermittent rains in central and south portions favored weevil activity with progress poor to only fair locally; picking was retarded by wet soil. In Oklahoma progress was mostly poor though many southeastern fields are good while other sections are badly burned. In the central states of the belt progress was generally satisfactory and in the eastern states growth was mostly good.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 25 to July 31, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.		Sales. Tanks.
July	10.25	10.14	—@—		8
August	....	....	10.00	nom.	..
September	10.11	9.81	10.00	sales	158
October	10.03	9.77	9.98	bid	157
November	....	....	9.98	nom.	..
December	10.08	9.74	9.98	sales	255
January	10.08	9.71	9.97	sales	73
February	....	....	9.98	nom.	..
March	10.13	9.84	10.01@10.02		11
Total sales (20 switches)					682

Crude, Southeast, 8.75c. nom.
Valley, 8.75c. nom.
Texas, 8.50c. nom.

Chicago, July 31.—Trade in cottonseed oil is fairly brisk, with prices showing no great change at this time. Good, off-Summer, yellow fig oil is 10¼c. Refined, edible oil is quoted at 10¾c. to 11c. per pound, barrels, car lots, and 11c. to 11½c., barrels, less than car lots.

Hull, July 31.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	29	6	27	0
Monday	29	6	27	0
Tuesday	29	6	27	0
Wednesday	30	0	27	6
Thursday	30	0	27	6
Friday	30	0	27	6

Cake and Meal.—A firm tone continued to prevail in spot markets in the South. There was more or less irregularity in futures at Memphis, but offerings of spot material were light. Competing materials displayed strength. There was no change in the character of reports concerning prospective needs for feeding.

Markets at Other Centers

Atlanta, July 29.—Cottonseed products are in a firm position with a trend toward higher prices as the prospects of the current crop are better understood.

Crop conditions are poor and unchanged. Hot dry weather is hastening fruiting of the small and backward plants.

Quotations of this market are as follows:—

OIL.—Prime crude, 9.79c. per pound.

MEAL.—7 percent grade, $30 per ton, interior mills.

HULLS.—Loose, $15 per ton.

Memphis, July 31.—The market for crude cottonseed oil remains firm. The last transactions reported were at 8¾c. per pound, Valley basis, prompt shipment. Some inquiry for new crop oil, with 8½c. bid for the first made, Valley basis. Mills awaiting further developments. Cottonseed meal market stronger today in sympathy with the advance in grain. For 41 percent meal $32 per ton is quoted, Memphis, and $31 per ton at Valley points, prompt shipment. Cotton crop in this section making favorable progress but some complaints of plant being too weedy and sappy and heavy foliage. Considerable insect damage anticipated during August.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 23.	July 31.
September	$28.50@—	$30.00@—
October	27.50@27.75	29.50@29.90
December	27.50@27.70	29.40@—
January	—@—	29.25@29.75

Animal Oils

Degras.—The market remained in a firm position, quotations on the various grades being well maintained. There was a fairly active demand from local and outside consumers.

Lard.—A firm tone prevailed and quotations were held at recently advanced levels. Business lacked snap but there was a fair demand for the various grades in a jobbing way.

Neatsfoot.—Quotations were stationary during the week with the tone of the market firm. Demand for moderate quantities of all grades was fair.

Oleo.—An increase was noted in the volume of inquiries received though consumers did not show much disposition to anticipate. The market had a steady tone.

Chicago, July 31.—Animal oils are marking time, with no definite showing of interest in the market on the part of the buying trade. Prices remained about unchanged.

LARD.—No. 1, 9½c. per pound; No. 2, 9¼c.

OLEO.—No. 2, 8½c. per pound.

TALLOW.—Acidless, 8¼c. per pound, tanks; 9½c., drums, less than car lots.

Fish Oils

Cod.—A firm tone continued to prevail in the absence of any material change in the situation abroad where unsold supplies of Norwegian oil are said to be small. There was a fair demand here. Quotations on Newfoundland oil remained nominal.

Menhaden.—There were no fresh developments in the way of price changes in refined oil, the market being firm at the recent advance. Trade was quieter. Occasional inquiries were noted but consumers in some cases were disposed to hold aloof for a time. Crude was firmer, sales being reported at 27c. per gallon. Weather conditions were generally favorable for fishing operations but additions to stocks of oil were said to be comparatively light. Quotations were still largely nominal.

Sardine.—Refined oil selling schedules were without further change. Business was generally limited to comparatively small quantities to fill current needs. Crude was reported as firm on the coast with offerings light.

Markets at Other Centers

San Francisco, July 27.—Sales of fish oils on the Pacific Coast came to a temporary pause last week as buyers and sellers separated in their ideas of price, and the markets went into a stalemate.

During the past few days there were reported both bids and offers in the market at 30 cents, but none of these could be found that coincided in business. Today at least two sellers of oil in Monterey reported that they had bids of 30 cents in hand which they were turning down, while on the other hand factions in San Francisco were said to be willing to sell oil at the same level. Some 2,500 tankcars of oil is the estimated quantity sold out of California and Oregon for the coming season at this time.

Shore plants are as yet in a quandary as to what allotments the state will make this year in the way of reduction permits. There has been some talk of allowing free and open reduction in shore plants in order that they may compete with the floaters, but this is purely conjecture. What the Fish & Game Commission decides will probably not be known until the second week in August. The season officially opens August 1.

Ruling prices are:—

SARDINE.—New season California and Oregon sardine oil quoted at 31c. per gallon in tankcars, nominally, f.o.b. production point. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

HERRING.—Alaska herring oil quoted nominally at 31c. per gallon, f.o.b. Seattle.

SALMON.—Northwest salmon oil quoted at 32½c. per gallon, f.o.b. Seattle.

Baltimore, July 29.—Another little spurt has developed in the menhaden oil business down the Chesapeake Bay, and several tanks are reported to have been sold in the last few days at 27 cents per gallon, an advance of 2 cents over the last previous price realized. Brokers hesitate to say whether this can be regarded as the market or not, because one distributor who managed to corral a lot of oil at 28 cents in the hope of being able to dispose of it to one of the big buyers still finds himself with the acquisition on hand, and a broker, who got an offer of oil at 27 cents per gallon has been unable to find a taker at this level. Buyers seem to be disinclined to consider anything above 25 cents per gallon, which level may be broken through sooner or later, but the general situation is left in doubt for the present. Little trading has been done in the South. The fishing last week was somewhat better than it has been, though it cannot yet be considered active, with the weather just now seemingly favorable for the movement of large schools, though men experienced in the industry will point out that the reasons why fish are plentiful at one time and scarce at another are past finding out.

Chicago, July 31.—Indications of slightly more interest in the fish oils market are seen here and there, but price movements have been a little divergent and hard to follow.

MENHADEN.—East Coast, 25c. to 26c. per gallon.

SARDINE.—Pacific Coast, 30c. to 31c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—An easier tone developed, demand being less active for the time being, though inquiries from local and other buyers were not lacking. Quotations were shaded ⅛c. to ¼c. per pound.

Lard.—Cash quotations showed more or less irregularity in company with futures in the West, but in the main the tone of the market was firm. Domestic business was on a fair scale and there were reports of some improvement in the export inquiry. Hog marketing was on a moderate scale and hog prices ruled firm. According to an official report, importations of hog lard into Cuba from the United States in June were higher than in any month since January, 1935, amounting last month to 3,110,172 pounds, making a total for the first half of the current year of 14,651,567 pounds against 14,760,395 pounds in the same time last year. On or about September 3 the Cuban Government will eliminate the consumption tax of 1c. per pound on American hog lard and will reduce the import duty from $4.10 to $3.20 per 100 kilos.

Stearin.—Demand was rather quiet, but offerings were generally light and the market remained steady at the recent advance.

Tallow.—Offerings were somewhat freer and although there was no pronounced pressure to sell, supplies were sufficient, with buyers inclined to hold off, to impart an easier tone to the market, especially as the trend of futures was reactionary. Sales were reported on spot at 5⅞c. per pound for extra, showing a decline of ¼c. The tendency of competing products in some instances was downward at times, with business in many fats and greases quieter than in the previous week. Western markets for tallow were reported as quieter and easier. According to the U. S. Bureau of Agricultural Economics, the increased tax on tallow and some vegetable products used in the manufacture of soaps seems likely to discourage the use of imported tallow in that field and it may also have the effect of throwing Argentina tallow back onto foreign markets and thereby tend to reduce prices of other foreign soap materials coming into the United States.

Following is a record of the market for tallow futures on the New York Produce Exchange from July 25 to July 31, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.		Sales. Tanks.
July	5.95	5.95	—@—		3
August	....	....	5.75	nom.	..
September	5.92	5.80	5.82@	5.95	7
October	6.10	6.00	5.95@	6.05	4
November	....	....	6.00	nom.	..
December	6.25	6.20	6.25@	6.30	4
January	....	....	6.25	bid	..
Total sales					18

Markets at Other Centers

Chicago, July 31.—Statistics continue to run against the lard market as compared with the situation a year ago, although the cash trade is of fairly good proportions and prices have shown evidence of improvement in some cases. Shipping trade is represented as good.

The range of lard quotations from the opening Saturday, July 25, to the close Friday, July 31, is shown in the following table:—

	Per 100 pounds. Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.95	$11.70	$10.95	$11.70	$10.95
Sept.	11.05	11.95	11.00	11.77	11.05
Dec.	11.12	12.15	11.05	12.02	11.06

TALLOWS (tierces).—Edible, 7¾c. to 8c. per pound; prime, 6¼c. to 6⅜c.; fancy, 6¼c. to 6⅜c.; prime renderers', 5⅝c. to 5¾c.; B country, 4½c. to 4¾c.

GREASES (tierces).—Choice white, 6⅝c. to 6¾c. per pound; lard, packages, 11½c. to 11⅝c.; A white grease, 6⅛c. to 6¼c.; B white, 6c. to 6⅛c.; yellow, 10-15, 5½c. to 5⅝; yellow grease, 16-20, 5⅜c. to 5½c.; brown, 5⅛c. to 5¼c.

(Continued on page 46)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Drugs, Fine Chemicals

Higher Raw Material Cost Advanced Corn Syrup—Camphor Prices Decline—Quicksilver Higher Abroad—Menthol Dull—Acids Have Fair Call—Photographic Chemicals Move Well

Sales of drugs and fine chemicals were in fair sized volume during the past week. Seasonal items had an excellent call and there was especially good business done in the group of photographic chemicals. Price developments were lacking on practically all items but the quotations on corn syrup were advanced while those on synthetic and natural camphor were reduced.

Cables from Japan at about midweek recorded a decline in the official prices named by the Monopoly. This reduction was promply reflected in the quotations made on domestic and imported synthetic camphor; the decline was larger than that reported from Japan.

Continued advance in prices on corn were productive, late in the period, of a rise in quotations on corn syrup. Damage to the corn crop has been heavy and under production is certain even though rain and heat in proper proportions come to some of the producing states and save at least a portion of a crop which at this time is in bad shape.

Civil war in Spain continued to jeopardize shipments of quicksilver from that country to the United States. No real shortage impends, however, as stocks can be obtained from Italy if needs must be, and domestic output can be raised if prices advance sufficiently to make mining more profitable. Foreign market prices were advanced.

Glycerin continued firm at the recent advance and conditions last week did not suggest a reversal of conditions or price tendency. Menthol was in good supply in a competitive market; demand was light. China exports to this country since January 1 have been in excess of 12,000 pounds.

Acid, Acetylsalicylic.—Normal movement at steady prices was the rule. Inquiries flowed steadily to the spot and a satisfactory volume of business was booked. Supplies were ample to meet all requirements.

Acid, Benzoic.—Demand was somewhat irregular from day to day and for the most part business covered the immediate requirements of buyers. Quotations were ready to firm throughout the entire period.

Acid, Citric.—Demand was not too active. On the whole the season has been very fair thus far but, possibly, not quite up to expectations. Low prices continued to prevail and everything was favorable for continued sales at the lowest price of record.

Acid, Gallic.—The fairly steady position of raw material has contributed to the firmness in which prices on this material ruled last week. Demand for the acid was steady and involved normal quantities of the article.

Acid, Lactic.—The cost of replacements warranted fully the firm position occupied by spot prices on the USP goods. Demand was also a supporting element in a firm situation. Stocks were were not overly plentiful, yet they were sufficient to meet current requirements.

Acid, Pyrogallic.—Consumption was in good volume. The seasonal interest thus far this Summer was said to be somewhat ahead of that a year ago, in keeping with the generally improved business of the nation.

Acid, Tartaric.—While in not expansive demand, this article was reported to moving out in fair sized volume to buyers whose needs were of seasonal sort. Prices remained steady in all quarters.

Agar Agar.—The strong market prevailing in recent weeks continued unabated. The high cost of replacements and the not large quantities offered for shipment were causes that contributed to the local situation. Also, demand was very fair.

Alcohol.—Sales activity looking to early coverage of distributors requirements of antifreeze formulas of denatured alcohol was getting underway last week, following announcement of prices to prevail at this time to the end of the antifreeze season next April. The price prevailing was the lowest in some time past and bookings were expected to be active at the new levels. Other formulas of denatured alcohol were fairly steady, though all were in a position favorable to buyers for consumption.

Aloin.—Some of the crop reports were not quite so pleasing as those which had reached here of late and hence it may be that the recent steadying of aloin prices, following reductions, may reflect a change in the situation as concerns future cost of raw material.

Bismuth Metal and Salts.—Business was routine last week. Volume changed very little and for the most part it appeared that consumers were buying no more than requirements fairly close at hand. The steady quality in prices on salts was attributed to the steady situation in the cost of raw material.

Camphor.—Prices were lower. Domestic manufacturers of synthetic camphor, U.S.P. in specifications, named the following and lower prices late last week:—Powder, and granular, 2,000-pound lots, 48¼c. per pound; 500-pound lots, 50¼c.; 100-pound lots, 51¼c.; tablets, 2,000-pound lots, 54c.; 500-pound lots, 56c.; 100-pound lots, 57c. This movement followed receipt of information reporting a 1½c. per pound decline in prices quoted on natural camphor in Japan. Spot quotations on natural camphor were lower at 53½c. to 54½c. per pound for powder or slabs; tablets, 57½c. to 58½c. These prices were subject to shading. The price for synthetic camphor, technical grade, was around 35c. per pound.

Castor Oil. — Fairish demand for prompt delivery oil was noted but contract business was none too active. Prices were steady most of time and were not shaded so far as could be learned. According to the Department of Agriculture, importations of castor beans into France increased in 1935 from British India and as a whole over 1934 by more than 2,100 metric tons, but the receipts from French colonies declined sharply, especially from Madagascar, an important source of supply. Castor beans are treated on a large scale by the establishments in the Marseille region. The imports are shown in the following table:—

	—Metric tons— 1934.	1935.
British India	12,600	13,860
Others	230	5,160
French West Africa	1,800	993
Madagascar	3,776	780
Other French Colonies	700	442
Total	19,106	21,235

CHICAGO, July 30.—The castor oil business is steady, with no large amount of change noted. Orders are coming in moderately well at this time, and the general situation is steady. The drug trade is mildly interested in the market currently, it appears. Ruling prices are: No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cod Liver Oil—The fishing and production season in Norway has ended officially and stocks of oil for consumption during the coming season will be less than those available a year ago. Prices were declared to be fairly steady in all markets but they were not subject to much pressure from buyers for consumption. According to the Department of Agriculture, exports of cod

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn syrup, 42 degree, 15c. per 100 lbs.
43 degree, 15c. per 100 lbs.

Reduced

Camphor, synthetic, powder, granular, 2c. per lb.
tablets, 1c. per lb.
natural, slabs, powder, 1½c. per lb.
tablets, 1½c. per lb.
Silver, bullion, London, ⅛ pence per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
178.9	178.9	179.1	184.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PROCTER & GAMBLE
Largest Producers and Refiners
of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
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Camphor Synthetic, U. S. P. XI, DuPont
Camphor Natural, Japanese
Naphthalene, balls or flakes
Alkaloids
Cocoa Butter U. S. P. bulk or fingers
Lanolin U. S. P. Hydrous, Anhydrous
Lithol
Menthol
Spermaceti
Sulphur Precip. U. S. P.
Witch Hazel. N. F.
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liver oil from Iceland in 1935 totaled 4,828 metric tons, compared with 4,399 metric tons in 1934. During the first three months of 1936 a total of 986 metric tons have been exported as against 999 metric tons the corresponding period of 1935.

BERGEN, July 1.—This year's codfisheries have now been terminated and the total output is about 4,440 barrels of crude medicinal codliver oil less than it was last year. According to the official report, the total catch and production this year and the preceding four years have been as follows:—

	Cod, kilos.	Crude oil, barrels.
1936	137,100,000	56,449
1935	116,700,000	60,764
1934	144,000,000	74,144
1933	140,600,000	68,227
1932	169,400,000	83,322

Corn Syrup.—Because of continued advance in the price on corn, manufacturers of corn syrup raised their quotations 15c. per one hundred pounds last week and did business only on the basis of shipments being at sellers' option. New prices were as follows:—42 degree syrup, $3.70 per one hundred pounds; 43 degree, $3.80.

Glycerin.—The undertone of the market was firm and prices continued to reflect partially, at least, the higher cost to manufacture refined glycerin from crude at its present price. Demand was moderate but it appeared that output of the refineries was moving close to the production limits at this time. Offerings of crude continued to be moderate in this country, while foreign countries willing to sell asked premium prices.

CHICAGO, July 30.—The c. p. glycerin business continues to mark time. There is some question whether the tone is easier or firmer. At any rate it is a between-seasons period and little is developing. Orders are coming in on a fair basis. Other grades are little changed. Ruling prices are:—C. p., drums, car lots, 15½c. per pound; drums, less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c., according to quantity; dynamite, car lots, 15½c.; less than car lots, 16c.; soaplye, 12c. to 12½c.; yellow distilled, drums, car lots, 16¾c.; drums, less than car lots, 15⅞c.

Iodine and Iodides.—Supplies of crude were large and very low in price. No signs of an early change toward higher levels were noted. World production of crude iodine has increased steadily in recent years and the latest report from the USSR was that a new iodine factory in Nefteschala, near Baku, has commenced operations. Its output will double the production on the Apscheron Peninsula. Japanese production exports of iodine and potash iodide from 1928 to 1935 has been reported as follows:—

Iodine

	Kilograms— Output.	Exports.
1928	23,539	25,627
1929	50,579	29,338
1930	56,868	24,730
1931	118,210	33,889
1932	117,384	42,523
1933	168,900	28,770
1934	281,281	19,769
1935	.....	8,225

Potassium Iodide

	Kilograms— Output.	Exports.
1928	54,259	7,361
1929	46,056	16,528
1930	52,636	15,076
1931	67,300	52,022
1932	85,275	61,801
1933	79,750	48,424
1934	88,213	44,731
1935	.....	20,803

Mercurials.—A market lacking in new developments but also one that was fairly steady as to consumption demand prevailed during the past week. The movement of corrosive sublimate and calomel was very good. Competition continued to be fairly keen. Raw material has not improved in price.

Menthol.—Importations of menthol manufactured in China totaled 12,300 pounds, equal to 205 cases, since the first of this year. It is understood that Chinese production at this time reaches from 35 to 50 cases per month, a quantity which will have to be expanded substantially before Chinese production can become a serious competitor of the Japanese natural product. Far more danger of competition exists in the potential domestic production of synthetic menthol of USP quality. The spot market last week was moderately active under competitive conditions. Future deliveries were offered duty paid at $3.15 per pound to consumers. The spot price was $3.20 to $3.30 per pound.

Milk Powder.—The market was very firm based on the risen cost of production. Demand was very good and quantities available for prompt delivery were moderate in size. The tendency seemed still to be upward in local circles.

Quicksilver.—The market still lacked important demand and locally, at least, had an undertone that tended to keep prices favorable for consumers. Domestic production was conservative but, also, was said to be gaining somewhat. All connection with Spain has been severed by the civil war. The political set up in Spain later on may have pronounced effect on the cost of quicksilver. Foreign market prices were higher.

SAN FRANCISCO, July 27.—There is a better inquiry for quicksilver and this is being followed by some improvement in business, local factors in the market state. The sellers are not getting the prices recently prevailing and sales of metal in 100-flask lots have been made at reduced levels. The market is quoted at $73.50 per flask in 100-flask lots, New York delivery basis; 65c. per flask lower for San Francisco delivery.

Quinine.—Demand continued to be very good. A seasonal movement in substantial quantities kept the market very firm in undertone. The conditions in foreign sources of supply were also indicative of firm position. Quotations lacked quotable change.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce— Nitrate. Cents.	Bullion— New York. Cents.	London. Pence.
Saturday	32⅜	44¾	19 5/16
Monday	32⅜	44¾	19 5/16
Tuesday	32⅜	44¾	19 5/16
Wednesday	32⅜	44¾	19 5/16
Thursday	32⅜	44¾	19 5/16
Friday	32⅜	44¾	19½

Methanol Data: May

Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the month of April, 1936 and 1935, include production figures for thirty-three manufacturers. Wood carbonized amounted to 48,825 cords for January, 47,253 cords for February, 1936, 45,384 cords for March, 51,323 cords for April, and 42,689 cords for May.

Production

	Gallons— 1936. Crude.*	Synthetic.	1935. Crude.*	Synthetic.
Jan.	494,081	1,418,863	386,477	1,303,171
Feb.	494,081	1,540,171	363,781	1,126,799
Mar.	473,067	1,631,832	411,326	1,303,230
April	428,313	1,692,921	450,941	1,167,262
May	427,079	1,754,998	452,322	1,203,143
Totals	2,316,113	8,038,785	2,064,847	6,103,625

* The refined equivalent would be approximately 82 percent of the crude production.

Heyden Officials Sail for Europe

George R. Armour, president of the Heyden Chemical Corporation, this city, sailed July 29 on the steamship "Washington," bound for Europe and a period of negotiations with British and German chemical producers. F. William Weckman, secretary of the company, accompanied Mr. Armour.

Lidbury Returns from Europe

F. A. Lidbury, president of the Oldbury Electro-Chemical Company, Niagara Falls, returned last week, aboard the Queen Mary, from an extensive business trip through France, Germany and England. The Oldbury company, maintaining New York offices at 22 East 40th street, under the direction of N. Harold Fyffe, produces soda chlorate, potash perchlorate, oxalic acid, phosphorus and phosphorus products.

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Botanical Drugs, Gums

Cascara Crop Prospects Poor—Ergot Lower Here in Nominal Market—All Spanish Products Strengthen on Lack of Commercial Communication with Spain

Conditions in the market on botanical drugs continue to be firm. Items showing a reactionary tendency were few and far between and the price position locally was firm. Demand was very good, considering the time of the year, and volume reported by some dealers was ahead of that a year ago.

Spanish civil war kept botanicals originating in Spain in an exceptionally prominent position. Interruption of ordinary cable and radio communication between merchants in this market and those in Spanish cities effectively checked attempts to trade. Inability of dealers here to inform themselves on prices, stocks, demand and conditions generally was reason enough for them to adhere to a policy that in some instances amounted to withdrawal from the market until the situation in Spain shall be clarified.

Collections in the domestic primary market continue to be conservative. Price prospects for the future were considered to be based on a collection of moderate size. Hence, most views on general values were tinged and colored with an element of firmness, not to say pronounced strength. Specific articles showed great strength.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,610	2,209
Caraway	4,233	12,897
Cardamom (cases)	150	1,537
Celery	95	1,433
Coriander	1,754	5,261
Cumin	100	3,315
Dill	56	231
Fennel	276	537
Mustard	...	11,315
Poppy	...	14,047
Sage leaves (bales)	52	77
Sesame	171	176,063
Thyme herb (bales)	102	530
Totals	8,703	229,434

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe, Cape, 2c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
No. 6, ¼c. per lb.
Chillies, Mombassa, ¼c. per lb.
Cinnamon, Ceylon, No. 2, 2¼c. per lb.
No. 3, ½c. per lb.
Clove, Madagascar, 1c. per lb.
Zanzibar, ½c. per lb.
Dill seed, recleaned, ½c. per lb.
Elm bark, powdered, 1c. per lb.
Golden seal, 25c. per lb.
Lobelia herb, 1c. per lb.
Manna flake, large, 1c. per lb.
Paprika, Spanish, extra fancy, 3½c. per lb.
fancy, 3½c. per lb.
fair, 5c. per lb.
medium, 6¼c. per lb.
Rose flowers, red, 35c. per lb.
pale, 2c. per lb.
Saffron, Spanish, $2 per lb.

Reduced

Arnica flowers, 2c. per lb.
Anise, Spanish, ½c. per lb.
Celery seed, French, ½c. per lb.
Coriander seed, Morocco, 1¼c. per lb.
Ergot, U.S.P., 35c. per lb.
Pepper, white, Java Muntok, 1½c. per lb.
Singapore Muntok, 1⅝c. per lb.
Borneo, 1c. per lb.
Pimento, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
114.9	116.0	109.4	86.1

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—The market was steadier. The several declines in prices have brought local values to a position where replacement costs served to check the movement in favor of buyers. Fair but not large consuming demand prevailed.

Tolu.—Business was not very active. The call came for small quantities most of the time and buyers had no difficulty in covering requirements. Prices were about steady.

Barks

Cascara Sagrada.—More information concerning the probable size of the new crop of this bark came to hand last week. One correspondent stated without reserve that the crop this year would be short, offering the estimate of 60 percent to 75 percent of normal. However, the writer also said he believed that many of the large users of this bark had ample stocks on hand to carry them through until next season and, hence, the short crop might not be reflected in persistently rising prices that would result should demand be normal. Taking all opinions received thus far, the majority seem to agree that the crop will be short. Many look for advancing prices. It may be said that prices have been already advanced in the Pacific Northwest, last sales being made at a rise of ½c. over previous prices and being made by a factor who had expected good sized crop, and who had said that prices may even recede somewhat. The consensus of local dealer opinion is almost unanimous for small production and prices that tend to be strong. Newspapers in the Pacific Northwest have carried stories of the shortage in their news columns. The following account is reprinted from the *Oregon Daily Journal*, Portland, Ore., in its issue of July 17:

There is a famine of cascara bark. Cascara prices are the highest for many years and among the highest known here. These two conditions appear the bright spot for the unemployed, for medicinal needs are such that at least two months' steady work in the woods will be necessary to supply needs.

The price on cascara has advanced to 6½c. per pound to the peelers, which compares with 2½c. to 4½c. in 1935, 4c. in 1934, 3c. in 1933, and 1c. to 2½c. in 1932. In 1930 and 1931 the price ruled around 4c. per pound, while in 1929 it averaged 5½c.

The shortage in cascara, or chittim bark, peel is attributed by operators here to the steady work in lumber camps, many employees of which usually peel bark when work is slack in the mills and woods.

The prices in the above news story are those for bark as it comes from the tree; it is the price paid the peelers by dealers and collectors of the bark. Since the above was printed, the price to the peelers has been advanced to 8c. per pound.

Cinchona.—Reports continued to emphasize the stronger control being exercised on prices prevailing in the foreign markets. The spot market was firmer.

Elm.—Sellers of powder at the recent minimum price of 15c. per pound advanced their limits to the basis of 16c. to 17c. per pound last week. Quotations on the other forms of this item were unchanged and appeared to be very steady. Less competition in selling powder was noted.

Beans

Calabar.—The market was nominal for the most part, most dealers reporting no demand. Prices remained steady and seemed to check up fairly well with the prevailing cost of replacements.

Vanilla.—Demand continued to be very good. A steady call for prompt deliveries was buttressed by a fair amount of interest in goods for later delivery. Prices were firmly maintained on the spot and abroad they showed all of the recent pronounced strength that small stocks and good demand had produced.

Berries

Cubeb.—Demand was steady and productive of undertones free from any signs of unsettlement. Prices were well maintained on spot and they were totally firm at the source.

Saw Palmetto.—The tendency in prices at the source was upward. The new crop has been endangered by a blight on the blossoms and the outlook for production was said to be poor.

Flowers

Arnica.—Spot quotations faded further last week, the market being shaded

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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CRUDE BOTANICAL DRUGS From Forty Nations
TRADE MARK

to the basis of 23c. to 24c. per pound, in keeping with the continued easing of the values on new crop.

Lavender.—No further changes in spot quotations were made last week but the situation seemed to be moderately easy for the most part when local sellers continued to report some savings in replacement costs as well as a lack of buying interest.

Pyrethrum.—Powder had an excellent call. The requirements of buyers was seasonal and most of the local merchants featuring the article were very busy. Concentrates moved in good volume, too, and prevailed at firm prices. Competition for business in powder, however, was said to be keen and some shading of prices has taken place at times.

Rose.—Foreign markets were up and spot quotations rose sharply in the instance of red buds. The latter were quoted at $1.90 to $2 per pound. White buds were moved up to 22c. to 24c. per pound as the result of the replacement situation.

Saffron.—Prices were higher at $13 to $13.50 per pound as a result of commercial relations with Spain being stymied by civil war. Those with stocks on spot raised prices and were very conservative as to the quantity they would sell at any price. Buyers have not been stampeded into the market by the blocking of commerce with the primary market. Importers in some instances quoted goods to arrive at $15 per pound.

Gums

Aloe.—Cape aloe was higher at 22c. to 23c. per pound. Stocks have decreased considerably of late and unsold reserves were believed to be light. Replacement costs have strengthened. Curacao gum was steady. Demand was said to be about normal. Cutting of the 1936 aloe crop in Aruba, Netherland West Indies, has proceeded slowly on account of drought conditions. Until the middle of June only about 2,500 cases of 125 pounds each had been harvested. Provided there is rainfall, the total harvest should be in the neighborhood of 4,500 cases; but as conditions indicate a continuation of dry weather, estimates are for about 3,800 cases, a marked decrease from the estimate of March 31, 1936, of 5,500 cases. Little is known of the situation in Bonaire but it is to be expected that the estimated 1,200 cases will be materially reduced because of the drouth.

Arabic.—While some reports of business having been done at 9½c. per pound were noted, most of the more prominent suppliers of this article had 9¾c. per pound as their minimum asking price and, according to quantity, named as high as 10c. Replacement costs were said to be steady. Demand was about normal. Exports from the Sudan during May, 1936, were 2,084 tons, compared with 2,308 tons in May, 1935. Shipments for the period January-May, 1936, totaled 10,845 tons, compared with 9,578 tons in the corresponding months of 1935. The following were the chief destinations:—

	Tons	
	1935.	1936.
Great Britain	2,023	2,576
United States	1,844	1,552
France	1,105	2,216
Germany	790	1,345
Italy	605	14
Belgium	631	660
Japan	915	536
Holland	288	458
Spain	175	100
Sweden	191	194
Norway	21	24
Australia	303	293
New Zealand	27	28
China	88	126
Canada	82	117
British India	11	26
Denmark	40	74
Finland	58	49
Poland	27	28
Rumania	9	55
Turkey	16	28
Greece	27	51
Egypt	92	42
Argentine	66	29
Brazil	47	79

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talha.	Total.
May, 1935	2,111	8	189	2,308
May, 1936	1,839	5	240	2,084
Jan.-May, 1935	8,859	45	674	9,578
Jan.-May, 1936	10,179	29	637	10,845

Guaiac.—Small stocks were reported; the shortage in normal reserves has not been relieved and conditions do not suggest any important increase in supplies in the very nearby future. The trouble that dealers experience in building up a stock is the difficulty in securing a quality of gum which will be admitted for sale in this country.

Mastic.—Recent information pointed to continued growth of strength in the primary market and such information has been confirmed by further advices from the source. The tendency of spot quotations was upward; only lack of sustained demand has prevented a substantial rise thus far.

Sandarac.—The recent advances in the primary market has been maintained and the local situation has lost none of its recently firmer position. However, some stocks still held here had been bought when the primary market was much lower than it is now and that has acted to hold the upward movement in check locally.

Herbs and Leaves

Buchu.—The market was still strong but the upward surge in prices has ceased for the time being at least. That was a natural development as the rise has been very severe since the low supply put the primary market up. Nothing but high cost goods were available locally.

Lobelia.—Quotations were up to the basis of 13c. to 15c. per pound in keeping with the very poor crop prospect that prevails at the present time. The prospect may improve before collection starts in earnest.

Senna.—The market tended to become stronger in keeping with the fact that stocks were somewhat under the normal reserve and new crop shipments are not expected earlier than September. Prices were much firmer. The following table shows the exports of senna from Madras during the years ended March 31, 1935, and 1936, with countries of destination indicated:—

	Hundredweights	
	1934-'35.	1935-'36.
United States	11,712	13,116
Germany	15,659	23,863
British Isles	6,725	6,597
France	6,592	9,241
Belgium	3,793	2,801
Italy	2,420	1,727
Japan	461	1,666
Spain	486	566
China	717	1,605
Other Countries	1,652	4,582
Totals	50,207	65,734

Stramonium.—A steady undertone prevailed locally even though demand was not so very active during the past week. Quotations were at least steadier and no tendency toward further shading was reported.

Uva Ursi.—Although unaffected in price as yet, this item tended to be firmer in keeping with the fact that it comes from Spain and that country is still in the throes of a civil war that had interrupted commercial relations with this country.

Miscellaneous

Ergot.—The spot market was nominal. Civil war in Spain has stopped direct communication by cable between spot dealers and the Spanish shippers. News concerning the future of Spanish business was highly disturbing at midweek and the net result was the practical withdrawal of firm prices and the establishment of a strictly nominal position at $1.65 per pound. This lower price was only indicative of the fact that about two weeks ago tentative quotations on new crop had been made around $1. Sales were actually made at $1.25, new crop. Then came the war and total ending of commercial relations. It was doubtful that any buyer could place a firm order on spot last week. Ergot stocks in Germany in early July were reported to be very small. One importer stated that there was a "tremendous" scarcity of all varieties and that the total stocks in Germany did not exceed two metric tons. It was also stated that no import permits had been granted for some time for ergot imports from Russia or Poland, and that only very small quantities remained of these stocks. A preliminary report received from Portugal by a leading Hamburg, Germany, importer stated that the weather conditions are favorable for the coming ergot crop.

Irish Moss.—A fairly well sustained demand for this article was reported last week and prices seemed to be about steady in the absence of much local competition.

Lycopodium.—The market was strong at $1.85 to $1.90 per pound, and the very small unsold stock on this market was in strong hands who reported that further advance was likely to come at any moment. It was almost impossible to secure goods abroad.

Manna.—Large flake was higher at 50c. to 55c. per pound, reflecting the recent strength that caused a sharp rise in replacement prices at the source. Small flake held very firm at 28c. to 29c. per pound, spot. Demand was routine but fair in volume.

Papain.—Powder was somewhat dull and usually quite competitive last week. Prices actually to be paid usually depended on firm business being in hand. The open market price was $1 to $1.05 per pound.

Roots

Gentian.—The continued stoppage of commercial communication with Spain, the result of civil war in that country, kept local holders of gentian root reserved in their offerings and made for the maintenance of prices at the levels noted at the end of the previous trading period. However, it was pointed out that this root is obtainable in other countries that would have to supply stocks should Spain as a source be cut off from this country for a long period of time.

Golden Seal.—Prices on golden seal root were advanced 25c. per pound Friday morning, following a severe advance in the primary market quotations on the very small quantities available. The outlook for supplies this year was poor. Under-cultivation of the article resulted from the extremely low prices obtainable a few years ago and new plantings cannot be brought to maturity short of three years. The local view was that if the country can supply even as much root as it did a year ago, it will have done more than the dealers here believe to be possible. Whole root was quoted at $2.85 to $2.90 per pound and the powder was noted at $3 to $3.05.

Mandrake.—Collection prospects were not encouraging and unless the situation shall improve substantially between now and late Fall, stocks for manufacturing operations during the next year were expected to be less than normal. Prices were held firm and dealers were watching the country situation very closely.

Jalap.—The spot market was firm at prices prevailing since dealers found it difficult to obtain any but a root testing considerably above the minimum of the N. F. The undertone was very steady and no signs of a turn of values toward the advantage of buyers were reported last week.

Senega.—The market was holding up very well pending more definite indications as to what will have to be paid for new crop goods this year. The size of the new collection remains indefinite at this time. Trade was slow and likely so to remain until the primary market shippers shall reveal the market in outlines clearer than can be seen at this time.

Seeds

Anise.—Although the situation in Spain was still productive of total stoppage of commercial communications so far as most factors on this market were concerned, local sellers eased their prices on Spanish seed fractionally pending further developments. The market here was 10½c. to 11c. per pound.

Canary.—Offerings from Morocco came through on a guaranteed-to-pass basis last week and reports had it that Turkish seed was on the same basis. The market was quiet locally at unchanged prices.

Cardamom.—No reaction in prices has come since the advance came to a stop a week or so ago. They remained firm and well maintained in keeping with the primary market situation.

Celery.—A more or less inactive spot market led to an easing of spot quotations to the basis of 20c. to 20½c. per pound on French seed. India seed held unchanged.

Coriander.—Replacements were easier and lower and spot quotations on Morocco seed were down to the basis of 5¾c. to 6¼c. per pound, with conditions favoring acceptance of orders at 5½c. on firm orders of attractive size.

Dill.—Demand for recleaned material has revived somewhat with the approach of the more active consuming season. Quotations were up to 6c. to 6½c. per pound. Polished and dewhiskered goods were unchanged.

Fennel.—A French type of this seed—probably of India origin—was offered on the basis of 7½c. to 8c. per pound, which was lower as compared with the recently nominal quotation. German was unchanged.

Spices

Cassia.—All grades, spot and afloat, were firmer and Batavia No. 1 was higher at 13¾c. to 14¼c. per pound, while the No. 3 went to the basis of 7½c. to 8c. per pound.

Cinnamon.—Replacements were higher and firmer and spot quotations on Ceylon No. 2 were raised to 16¾c. to 17¼c. per pound; No. 3, 15¾c. to 16¼c.

Clove.—Prices advanced rather sharply, both varieties being held at 15c. to 15½c. per pound, spot, last week in accordance with the stronger replacement cost and the not too ample stock in local circles.

Ginger.—For the first time in many weeks prices on African root changed; they were advanced to 14¼c. to 14¾c. per pound by better demand for the article in all positions. Other kinds of this seed were firmly held.

Paprika.—All cable communication with Spain has stopped. Nothing was received from Spain and both cable and radio messages filed for Spain were accepted at sender's risk in this country. Prices were advanced further as dealers here became very reserved. Extra fancy was priced at 25c. to 25½c. per pound; fancy, 24c. to 24½c.; fair, 24½c. to 25½c.; medium, 23c. to 24c. Hungarian paprika was quoted at 23c. to 23½c. per pound and occupied a favored position in view of the situation in Spanish material.

Peppers.—White peppers were lower at 8¾c. to 9c. per pound for Java and Singapore Muntok. Borneo was down to 8c. to 8½c. Mombassa chillies were up a fraction to 13⅝c. to 14c. Black peppers held unchanged. White peppers for replacement were easy and much lower.

Pimento.—The advance was checked and quotations eased back a fraction to the spot basis of 15½c. to 16c. per pound under the influence of a not very active demand for this item.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Louisiana Drug Act Being Enforced Now

(Continued from page 3)

provision be complied with at once, a blank form being supplied with the letter. Co-operation of manufacturers was asked.

July 24, the Toilet Goods Association, stating that it had been "advised" that active enforcement of the Louisiana law would be deferred until January 1, 1937, recommended that its members "set aside" the request of the food and drug commissioner "until later advice is passed to you on this subject."

Like Copeland Bill

Attested copies of the new Louisiana food, drugs, and cosmetic law do not contain some of the vague provisions, doubtless attributable to poor proofreading of earlier copies, which led to some of the criticizing of the law. The statute has certain peculiar provisions. It appears, however, that it follows closely in most respects the text of the Copeland bill which was not enacted in the recent session of Congress.

There are several important additional provisions, for example, those which include in the definitions of adulteration or misbranding as a basis a finding to that effect by "any" department of the United States government.

The State board of health is authorized to adopt rules and regulations for the enforcement of the food, drugs, and cosmetic law. These may include definitions and standards. In his letter to the traders affected Dr. O'Hara said with respect to this provision:—

Before the board adopts same it is the intent to receive suggestions from each particular industry involved and same may be submitted at this time. In the meantime full compliance will be had by following the present Federal food and drug regulations and standards.

With respect to the purpose of the act and the objective of its enforcement Dr. O'Hara, in his letter to manufacturers, said:—

This revised food, drugs, and cosmetic law was drawn up for the protection of the legitimate dealers and products and in the interest of public health. The trades of Louisiana have supported its enactment.

You can count on the fullest and heartiest co-operation of the department at all times in the interest of fair dealing, and we will appreciate your fullest support.

Harry Noonan, president of the Drug Products Company, Long Island City, and Mrs. Noonan were among the invited guests July 30 at the notification of Frank Knox, Chicago, that he was the Republican nominee for Vice-President of the United States. Mr. Noonan and Mr. Knox played golf together in Arizona last Winter.

Essential Oils, Aromatic Chemicals

Anise and Cassia Firmer Abroad but Spot Prices Yield Further —Eucalyptus Inquiries Rise Sharply—Peppermint Distillation Starts — Domestic Crop Outlook Quite Poor

Trading in essential oils and aromatic chemicals was slightly less active during the past week. For almost the first week this Summer, business showed something of a decline. The slower flow of orders failed to have adverse effect on prices. Values were steady to firm throughout the period so far as most items were concerned.

Spanish oils attracted considerable attention. Cables sent from this market were reported delivered, but no answers were received. Hence, dealers were disposed to check sales until definite knowledge as to future production and shipments shall be available. It was a nominal market locally on Spanish oils.

Domestic oils remained strong. Distillation of peppermint started and indicated a reduced production this year. Outlook for tansy, spearmint, wormwood, wormseed, pennyroyal, and the like, was poor and prices tended to strengthen in a market of nominal activity.

Adverse crop reports on eucalyptus oil led to the development of heavy inquiries locally. Anise and cassia were slightly firmer for shipment, but the spot quotations were down somewhat under competition that continued firming of the primary market was likely to check soon. Demand for citrous oils was not very active, but all oils in the group were in firm position based on available supplies and the cost of replacement in primary markets.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Eucalyptus, 1c. per lb.

Reduced

Anise, 1c. per lb.
Cassia, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
75.7	75.7	70.6	72.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—The market was lower at 49c. to 52c. per pound last week. This extended the declining spot market that had prevailed over a period of several weeks and reflected the recent ability of dealers to buy at lower prices in the primary market. However, replacements were slightly firmer. Demand was routine but fair in volume.

Bergamot.—The foreign market was exceptionally firm and well maintained in price. Supplies were well held by the Consortium and while demand was not more than steady, governmental control was more than sufficient to hold prices. The local market was firm but not especially active. According to the Department of Commerce, production of bergamot oil is confirmed at about 450,000 Sicilian pounds. Available supplies, including the carry-over from last season, are estimated at 350,000 pounds. The export price is fixed.

Camphor.—The situation on spot seemed to be fairly steady. Demand was about normal for the article and local quotations were very well maintained for the most part.

Cassia.—This item was easier again and the market was lower on the basis of 90c. to 95c. per pound as the result of spot competition. Last week, however, shipment prices were slightly firmer. Demand was moderately active locally.

Celery.—Raw material has taken a slightly easier turn and hence the prospect for an advance in oil prices was not quite so good as it had been. However, the oil market was not overstocked and prices continued to show an exceptionally firm position.

Coriander.—A strong market prevailed. Absence of more than jobbing quantities in the hands of local dealers kept prices strong, with an advance probable should demand press actively. Foreign markets failed to make firm offerings.

Croton.—Hand-to-mouth demand was the rule and the market as a whole was well within jobbing limits. Prices were about steady, reflecting a fair amount of stability prevailing at the source.

Cubeb.—The comparatively high cost and firm position of raw material was more than enough reason for the firmness prevailing on prices for this material. Demand was not especially active but it was still about normal.

Eucalyptus.—Reports from the source said that production would not be entirely satisfactory, some statements suggesting a lessened output and a subnormal supply for the coming season of activity. Prices were up slightly at 33c. per pound in drums and 35c. in cans on spot. Inquiries in excess of 25,000 pounds entered the market when the crop news broke last week.

Geranium.—The shipment costs were very firm on all varieties of this item and the result was an exceptionally firm situation on spot where demand was also a sustaining element in the maintenance of quotations. Stocks in the local market were moderate in size.

Juniper. — Compounders were fair buyers of this item and while prices were not advanced, they did appear to be somewhat firmer than they had been when competition was more aggressive than it was during the past week. High quality oil was firm.

Lavender.—The market was firm to strong. Insufficient production of high quality oil has made for a very strong situation at home and abroad. The actual consuming requirements for such material will be met with difficulty and only at high prices, it was said.

Lemon.—Further price developments were lacking but the market retained all of its recent strength regardless of the not expansive quality of demand. Italian oil was firmly held and good quality material was not subject to shading. California oil was firm at the recent advance and offerings were light. According to the Department of Commerce total production of lemon oil, including machine and hand-pressed, is estimated at little short of the original forecast of 2,000,000 Sicilian pounds (one Sicilian pound equals 317.6 grams.). The output up to the middle of May was reckoned at 1,700,000 pounds. Exports of lemon oil from December up to the end of April are estimated at 350,000 pounds and available supplies of the oil at the present time at 1,300,000 pounds. About one third of this amount is held by speculators.

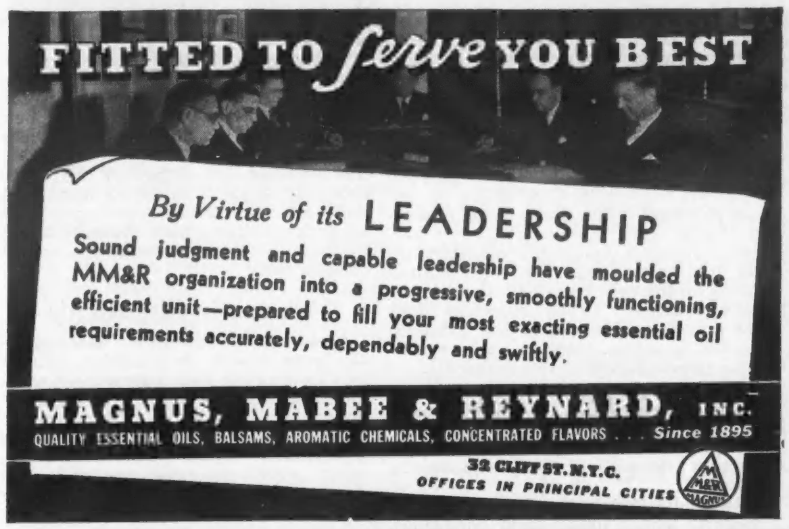
Lemongrass.—Competition was prevalent and the market on the whole was favorable for those with firm orders in hand. Demand was comparatively light in this market but some business was done in oil for import, the price being approximately that last obtained.

Lime—Imitation oil has been pressed rather actively of late and an improved product was said to be available at somewhat more favorable prices for a quality article. Natural oil was very steady in price but demand during the past week was somewhat sluggish.

Lovage.—In the absence of indications concerning the probable production and price of new crop oil, spot quotations remained firm in a market notable for lack of more than very small demand.

Orange.—All prices remained strong even though demand for prompt spot deliveries was not particularly active last week. Stocks of California oil were none too plentiful and offerings were made with reserve. Replacement cost on African oil, the lowest priced of all oils on this market, was maintained at levels justifying local views fully. Practically no Spanish oil was here and

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7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nothing could be bought in Spain. Italy was firm at all times. According to the Department of Commerce sweet orange oil production in Italy is estimated at from 35,000 to 40,000 pounds with a present availability of about 20,000 pounds mostly in the hands of exporters, while production of bitter orange oil is put at 10,000 pounds, 3,500 pounds of which have been exported.

Peppermint.—Distillation is under way in the primary market and early results forecast a substantial reduction in the total production for this season. Prices on the spot remained firm on the basis of a fairly strong undertone that has developed because of the primary market situation. Demand was negligible pending further developments.

Pimento.—Raw materials were strongly placed here and in the primary market. Oil was in similar position even though immediate requirements of buyers kept transactions down to moderate limits.

Rose.—Harvest in the Rose Valley of Bulgaria began under good conditions near the last of May. Distillation was under control by the Agricultural and Co-operative Bank. Production was expected to be about 40 percent less than last year. Stocks unsold constituted a rather substantial surplus, this being the carryover from production in previous years.

Sassafras.—Trading was within fair-sized limits at prices which were still subject to considerable competition in local circles. Stocks were said to be ample in all respects.

Spearmint.—The market was somewhat quiet but always well stabilized last week on the basis of the recent advance in prices. Crop outlook has been reported to be unsatisfactory because of unfavorable growing conditions. The disposition of buyers was to await results of distillation before attempting further substantial purchases.

Thyme.—A strong market prevailed solely because of the fact that civil war in Spain may threaten production this year. At least, commercial communication with Spain has been severed and hence importers know little beyond daily press reports. The tendency was to tighten up on spot prices and stocks until a clearer picture of the situation shall develop.

Vetiver.—Somewhat improved demand was reported last week and in keeping with the firmness of replacement costs, spot quotations were steadier and better maintained in stable position. Stocks were moderate.

Wormwood.—Crop outlook was very poor and those with stocks unsold at this time were taking a stronger view on prices for last year's production and showed a decreasing tendency toward competition.

Aromatic Chemicals

Alpha Amyl Cinnamic Aldehyde.—Moderate interest in a market notable for steady prices was reported last week and undertones were firm in most directions.

Amyl Phenylacetate.—Inquiry was moderate to light. Buyers' requirements were not expansive and most purchasers covered supplies about as needed. Prices remained very steady.

Borneol.—The market was still well stabilized and conditions did not point to any early change in the price or general position of this material. Demand was steady but entirely routine.

Citronellal.—Business was quite good. It had a steady quality that accounted well for the stocks available at this time. Prices were low, favorable, and generally steady.

Citronellyl Acetate.—The high fragrance of this rose type has made it a favorite with numerous manufacturers and the movement has been steady for some time past. It was still that way last week.

Diphenyl Oxide.—Stocks were of moderate size and yet appeared to be meeting the consuming requirements which, on the whole, have been close to normal and generally satisfactory. Pricewise, the market was very steady.

Eucalyptol.—Because of the much firmer position of raw material, eucalyptol seemed to be strengthening and the market as a whole was in very steady position. Outlook for consumption was said to be very good.

Eugenol.—Raw material was stronger in keeping with the higher production cost of the same. The market on eugenol was very firm last week under the added influence of very good demand. Prices were well maintained.

Geraniol.—A routine sort of request was reported last week. The volume was quite good but individual orders were not especially attractive. The market was competitive, but open quotations lacked change.

Hydrocinnamic Alcohol.—Demand was of the ordinary sort that came in steadily without being subject to much change from day to day. Stocks were sufficient for all requirements and were held at steady prices.

Isobutyl Phenylacetate.—This item seemed to move somewhat more actively at prices believed to be generally more steady. Its use in rose combinations has increased, it was said.

Linalyl Acetate.—Trade was normally active and the market was generally firm in most directions. Because of fairly ample stocks, some tendency toward a slightly more competitive situation was said to prevail, but on the whole values have been well held.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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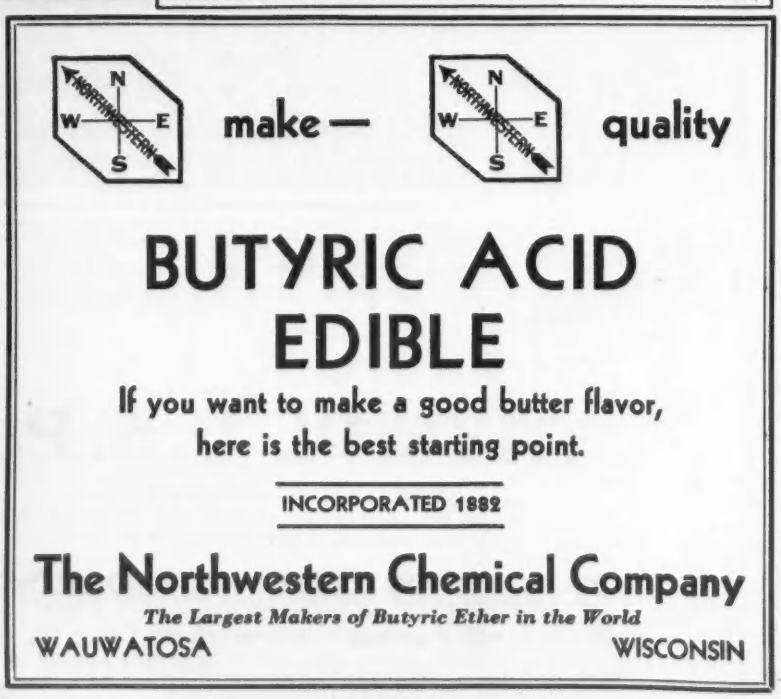

Paint, Varnish and Lacquer Materials

Naval Stores

(Continued from page 33)

SAVANNAH, July 31.—The rosin market was active with the tone firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.75	$4.75	$5.00	$5.00	$5.60	$5.50
D	5.40	5.40	5.50	5.50	5.60	5.50
E	5.50	5.50	5.60	5.65	5.60	5.50
F	5.75	5.90	5.90	6.00	6.05	5.90
G	5.75	5.90	5.97½	6.00	6.05	5.90
H	5.75	5.90	6.00	6.05	6.10	5.90
I	5.77½	5.90	6.00	6.05	6.10	5.90
K	5.77½	5.90	6.00	6.05	6.10	5.90
M	5.77½	5.90	6.62½	6.05	6.10	5.90
N	5.85	6.00	6.05	6.10	6.15	5.90
WG	6.00	6.25	6.25	6.35	6.50	6.20
WW	6.50	6.75	6.75	6.75	7.00	6.75
X	6.50	6.75	6.75	6.75	7.00	6.75
	Barrels					
Sales	980	468	1,005	1,119	739	979
Receipts	2,034	1,975	3,178	1,346	2,383	1,589
Shipments	5	3,554	398	...	354	3,671
Stocks	83,247	81,367	81,447	85,793	87,772	85,890

JACKSONVILLE, July 30.—The rosin market retained a firm tone. Trade was fairly active. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$4.75	$4.75	$4.75	$5.00	$5.00	$5.00
D	5.00	5.25	5.25	5.50	5.55	5.40
E	5.25	5.45	5.50	5.60	5.70	5.50
F	5.65	5.65	5.85	5.90	6.05	5.90
G	5.65	5.65	5.85	5.95	6.05	5.90
H	5.65	5.65	5.85	5.95	6.05	5.90
I	5.65	5.65	5.85	5.95	6.05	5.90
K	5.65	5.65	5.85	5.95	6.05	5.90
M	5.65	5.65	5.85	5.97½	6.05	5.90
N	5.65	5.75	5.85	6.00	6.10	5.92½
WG	5.85	6.00	6.00	6.25	6.35	6.10
WW	6.30	6.50	6.50	6.75	6.75	6.60
X	6.30	6.50	6.50	6.75	6.75	6.60
	Barrels					
Sales	139	172	656	749	1,411	483
Receipts	1,698	1,221	1,339	1,702	1,472	1,868
Shipments	5,870	1	230	312	1,815	1,989
Stocks	52,692	53,912	55,021	56,411	56,068	55,947

PENSACOLA, July 25.—The rosin market was firm. Receipts were moderate. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	474	601	357	330	411	617
Shipments	...	650	778	902	...	1,983
Stocks	38,912	38,863	38,442	37,870	38,281	36,915

LONDON, July 31. — Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	14	3	16	1½
Monday	14	3	16	1½
Tuesday	14	3	16	1½
Wednesday	14	3	16	1½
Thursday	14	3	16	1½
Friday	14	3	16	1½

Pine Oil.—A firm tone continued to prevail. Business was generally along conservative lines but the call for moderate quantities showed some increase.

Pitch. — The requirements of consumers apparently held up well, a steady movement being noted to local and other buyers. The market retained a firm tone.

Rosin Oil.—Recent developments in primary centers for basic material were reflected in a firmer market here for rosin oil. There were reports of some cincrease in demand.

Tar.—The situation continued to be featured by a firm tone. There was a steady movement into local and outside consuming channels.

Shellac

Activity in the market for shellac was a rather conventional and routine affair last week. The interest of buyers was nominal, consisting mainly of inquiries that but seldom resulted in firm orders. Acceptance of tenders against existing contracts was but moderately prompt. This is the time when activity in the shellac market is usually least satisfactory, but the condition is seasonal. Pickup in sales and demand may be expected not much earlier than the Fall months. Foreign markets changed little in price last week.

London, July 31.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	July 31		July 24	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
August	55	11.9	55	11.9
October	55½	11.10	55½	11.10

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	August.	October.
July 24	55s ..	55s 6d
*July 25	... ..	... ..
July 27	54s 6d	55s ..
July 28	54s 6d	55s ..
July 29	54s 6d	55s ..
July 30	55s ..	55s 6d
July 31	55s ..	55s 6d

* No cables received here.

The official custom returns for the exports from the United Kingdom during May, 1936, and the total for the five months January-May, 1936, were as follows:—

	Hundredweights	
	May.	January-May.
Soviet	15,094	26,472
Danzig	130	357
Germany	789	3,840
France	80	579
Japan	...	438
United States	476	13,798
South America	196	741
Other ports	468	2,801
Totals	17,233	49,226

The May export was about 11,770 packages, and the total for the five months period was approximately 49,226 packages.

Calcutta, July 31.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	July 31.	July 24.
August	11⅝c	11⅝c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
July 24	11⅝c	Steady
*July 25	...	...
July 27	11⅝c	Steady
July 28	11⅝c	Steady
July 29	11⅝c	Steady
July 30	11⅝c	Steady
July 31	11⅝c	Steady

* No cables received here.

Lacquer Materials

The market for the lacquer materials was quiet during the week just closed, with the prices holding steady to firm. Reports from the automobile industry indicated that plans were being made for the changing-over to the 1937 models. Retail sales of automobiles showed some improvement last week, causing manufacturers to hold schedules rather high for this period of the year. Ethyl acetate was unchanged. Month-end served to slow down buying of butyl alcohol, but prices were well maintained. Acetone was steady.

Acetone.—Shipments moved out in fair volume at a consistent pace during the week, with the prices holding steady.

Butyl Acetate.—A fair amount of interest was shown in this market, with a firm tone in evidence.

Butyl Alcohol.—The month-end served to slow down buying somewhat, but the volume moved reached a level sufficient to give the market a steady price appearance.

Cellulose Acetate.—Demand was representative for this period of the year, with a steady tone in evidence.

Ethyl Acetate.—This market noted an irregular demand during the week just closed, with the consumers purchasing for immediate wants only, and prices were unchanged.

Film Scrap.—A strong tone prevailed in this direction, with the demand side of the market fairly active. No change was disclosed in the quotations.

(Continued on page 48)

Baseball Dates Wanted

The baseball team of the New York Quinine & Chemical Works, Brooklyn, is looking for games with teams representing other companies in the chemical and related industries. The N. Y. Q. team has a diamond available on Tuesday and Thursday evenings. It is willing to travel to other fields. Other organizations interested in developing baseball activities in the chemical and related field are invited to communicate with H. F. Hein, of the New York Quinine & Chemical Works, 99 North Eleventh street, Brooklyn.

Petroleum Solvents, Lubricants, Fuels

Industrial Oils in Light Request—New Tankwagon Schedule Posted By Mid-Western Marketer—Gasoline Quotations Unchanged—Crude Flow Off

Petroleum solvents, naphthas and other oils used as industrial raw materials continue under the usual light purchasing activity of the Summer months. Purchases evidence volume and frequency here and there but the general position of the market is dull. The principal event of the week was the appearance of a new schedule of postings for tankwagon deliveries of petroleum thinner, cleaners' naphthas, Stoddard solvent and v.m.&p. naphthas in the Middle West. The new schedule was posted by a leading marketer in that area and now provides for cheaper prices to buyers who purchase in lots of 150 gallons or over. The cities affected by the inauguration of the new schedule include Chicago, Milwaukee, Minneapolis, St. Louis, Omaha, Des Moines, Decatur, Evansville, Tulsa, and Oklahoma City.

The gasoline market underwent some loss of strength at the Midcontinent refinery points but prices were without open change. Eastern refinery prices were also unchanged.

Daily average production of crude oil in United States for the week ended July 25 was 2,960,950 barrels, a decrease of 17,400 barrels from the preceding week's average of 2,978,350 barrels, according to the estimate of the American Petroleum Institute, which omits any oil that might have been produced surreptitiously. Average production for four weeks ended July 25 was 2,944,800 barrels and the average at this time last year was 2,734,650 barrels. Runs of crude to stills were reported at 2,807,000 barrels daily and 183,000 barrels additional were estimated to have been run, for a total of 2,990,000 barrels, according to the A. P. I., against 2,925,000 barrels in the preceding week. Crude oil stocks were 308,859,000 barrels on July 18 against 309,383,000 barrels July 11, according to the Bureau of Mines.

Solvents and Diluents

Tankwagon prices for cleaners' naphthas, petroleum thinner, Stoddard solvent and v.m. & p. naphthas have been revised throughout the middle West by one of the leading marketers in that area. The changes were made a week ago and were received here last week. In effect, the changes made constitute a reduction in price as they provide for lower quotations to buyers who purchase in lots of 150 gallons or over. In most cities, there is a difference of 1c. per gallon between the 150-gallon price and the quotation for lower quantities, but in some sectors a larger spread exists. Refinery prices at Group 3 and East Coast points were unchanged.

Cleaners' Naphthas.—New tankwagon postings named by a leading mid-Western marketer for lots of 150 gallons or over and for smaller lots are as follows:—Chicago, 11½c. to 12½c.; Milwaukee, 14.8c. to 15.8c.; Minneapolis, 14.9c. to 15.9c.; St. Louis, 14.2c. to 15.2c.; Omaha, 14.9c. to 15.9c.; Des Moines, 14.3c. to 15.3c.; Decatur, 14.5c. to 15.5c.; Evansville, 14.9c. to 16.2c.; Tulsa, 15c. to 16c., and Oklahoma City, 15c. to 16c. These prices are all ex-tax.

Petroleum Thinners.—Revised tankwagon prices named in the mid-West for 150 gallon lots and smaller quantities of this article are:—Chicago, 12.2c. to 13.2c.; Milwaukee, 13.8c. to 14.8c.; Minneapolis, 17.3c. to 18.3c.; St. Louis, 13.2c. to 14.2c.; Omaha, 13.9c. to 14.9c.; Des Moines, 13.3c. to 14.3c.; and Evansville, 14.2c. to 15.2c. All of the aforementioned prices are exclusive of tax.

Stoddard Solvent.—Middle Western tankwagon prices posted by a leading marketer are now as follows:—Chicago, 11c. to 12c.; Milwaukee, 13.8c. to 14.8c.; Minneapolis, 12.4c. to 13.4c.; St. Louis, 11.5c. to 12.5c.; Omaha, 13c. to 14c.; Des Moines, 13.3c. to 14.3c.; Decatur, 11.5c. to 12.5c.; Evansville, 14.2c. to 15.2c.; Tulsa, 10c. to 11c.; Oklahoma City, 12c. to 13c. The lower prices are for lots of 150 gallons or over and the higher quotations are for smaller lots. All are exclusive of tax.

V. M. & P. Naphthas.—Postings for 150 gallon lots and for smaller lots, as named by a leading mid-Western marketer are as follows:—Chicago, 11½c. to 12½c.; Milwaukee, 14.8c. to 15.8c.; Minneapolis (100 gallons or over), 14.9c. (smaller lots), 15.9c.; St. Louis, 14.2c. to 15.2c.; Omaha, 14.9c. to 15.9c.; Des Moines, 14.3c. to 15.3c.; Evansville, 14.9c. to 15.9c. per gallon. These prices are exclusive of tax.

Markets at Other Centers

Chicago, July 29.—Purchases of petroleum solvents and diluents are along fairly substantial lines. The price structure has shown no change. Offerings look to be not overly large and the general tone seems to be good, with a fair amount of equilibrium noted. Inquiries are coming in from various consuming lines. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma): Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c. per gallon, tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, July 30.—There is only a routine movement of petroleum solvents and prices remain quoted at the levels that have prevailed for the past several weeks. The various grades are quoted from 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

The market for petroleum fractions in the light gaseous solvent group contained little in the way of new or important developments last week. Prices continue at the schedule levels that have been in force for many months. So far as can be learned, trade is routine through regular channels of industrial consumption.

Butanes.—There has been no change in the condition of the market for this product. Producers quote the 16-32 degree product testing up to the specifications of the N.G.A. at 2¼c. to 3¾c. per gallon for tankcar lots at Group 3, according to the number of cars used per month.

Heptanes.—Quotations continue at schedule and the market moves along in characteristically routine fashion without particular feature.

Octanes.—This mixture shares the colorless appearance of other petroleum hydrocarbons in the light solvent class. Routine trading and unchanged prices are reported.

Petrolatums and Waxes

White Mineral Oils.—There is a fair demand for the technical grade of oil but medicinal oils are quite slow and typify the usual dullness of the July-August period. Prices continue without change and are holding a reasonably steady position.

Paraffin Waxes.—There was not very much interest in scale wax last week. There were few export inquiries and domestic accounts were uninterested also. Prices continue at the recently established figures of 2.35c. per pound for 122-124 American and 2.40c. for 124-126 American melting point. The fully refined waxes are holding tightly at the regular price schedules. While fully refined waxes were tight, refiners responses to questions regarding the probability of an early rise in prices were negative.

CHICAGO, July 30.—Refined wax is in good tone and seems to be giving a good account of itself in this market. Orders are coming in on a good scale from various sources, but especially so from the domestic buyers Offerings are not being pressed on the market. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, July 30.—The average grade of American m.p. crude 124-26 continues at 2¼c. to 2⅜c. per pound. The movement has again declined. However, one of the large refiners withdrew from the export market this week and is also declining orders for the domestic grade at current prices in anticipation of a broadening of the demand during the latter part of next month.

Petrolatum.—Material is moving into consumption rather freely now. There has been an improved demand from the manufacturers of pharmaceutical specialties and the cosmetic trade is also a more active buyer. Prices are generally unchanged.

Fuels and Lubricants

A weak development in the tankwagon market in the Metropolitan area of New York and the appearance of softness in some sections in New Jersey were adverse happenings last week but were not influential enough to affect the steady position of the bulk market here which has been without price shift for some weeks and which seems quite stable under the decreasing storage stocks and splendid rate of consumption. Kerosene drags also and the heavy oils did not contain much in the way of new developments last week.

Tankwagon Price Changes

NEW YORK.—Dealer tankwagon prices were reduced ½c. per gallon in the Metropolitan area of New York, July 31, by Socony-Vacuum Oil Company. The undecided dealer price is now 8.2c. per gallon and the divided dealer price is 8.7c. except in Staten Island where it is 9c. per gallon.

Market Conditions

Gasoline.—Lower tankwagon prices in the Metropolitan New York area and the appearance of weakness in certain New Jersey retail points did not tend to influence the local bulk market away from a point of stability. Refinery runs are still regarded by some observers as being excessive but the stocks have been decreasing gradually and the price situation at the refineries appears to be safe from disturbing elements. Quotations continue at 6¾c. per gallon for U. S. motor, 62-63 octane; 7c. per gallon for U. S. motor, 65 octane, and 7.55c. per gallon for branded qualities. Export quotations at the U. S. Gulf continue unchanged with quotations as follows:—U. S. motor, 5¼c. per gallon; 60-62, 400 e.p., 5⅜c. to 5½c. per gallon; 60-62, 390 e.p., 5⅜ to 5½c. per gallon; 64-66 375 e.p., 5½c. per gallon.

Kerosene.—The market here lacked snap last week. Typical Summer trade was in evidence and outside of industrial demands, the movement out of refinery points was light. Quotations continue at the basis of 4⅞c. per gal-

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refinery points was also unchanged. Tankwagon prices for gasoline were reduced in New York City.

	July 31	July 24	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.122
Gasoline prices at refineries (at four refining centers), per gallon	.0555	.0555	.054375
Gasoline prices at serving station (average for ten marketing centers—including tax) per gallon	.1941	.1946	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

MEURER
STEEL DRUMS
THE STANDARD OF QUALITY
HEAVY RETURNABLE AND LIGHT SHIPPING
PLAIN STEEL HOT GALVANIZED
STAINLESS STEEL PURE NICKEL
HOT DIP TINNED MONEL METAL
SPECIAL INTERIOR COATINGS
HEAD AND SIDE COLOR DECORATED

I. C. C.—5E and 5J Decorated Type

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Outputs and Quotas

A comparison of suggested crude oil production for July as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended July 25, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	569,800	548,200
Kansas	164,200	157,350
Texas	1,146,500	1,146,900
Louisiana	186,800	232,900
Arkansas	31,300	29,700
Eastern (not including Michigan)	107,700	110,000
Michigan	33,800	28,500
Wyoming	38,800	38,300
Montana	13,400	15,500
Colorado	4,700	4,450
New Mexico	69,400	74,150
California	550,800	575,000
Totals	2,917,200	2,960,950

lon for 41-43 water white material at the refineries but as in the past several weeks, this figure can be shaded easily. The export market at the Gulf continues without change at 3¾c. per gallon for prime white and 4½c. to 4½c. per gallon for water white.

Fuel and Gas Oils.—There has been no change in the position of the heavy oil market recently. Bunker oil continues in fair request at $1.05 per barrel for C grade at the terminals. Diesel oil continues here at $1.65 per barrel and has been without shift since the recent boost at Norfolk to $1.78½ per barrel.

Lubricating Oils.—The inventory position of the Pennsylvania oil market is rather good at this time and prices are holding steady at the levels that have been in force for the past few weeks. The market shows a seasonal sort of activity which is sufficient to hold supply and demand in a balanced position and prices reflect accordingly.

Markets at Other Centers

Tulsa, July 31.—In a generally spotted market showing some hesitancy, natural gasolines have again taken the leadership insofar as strength is concerned. The basic grade again advanced in price. The demand for the more volatile material has easily become the feature in Oklahoma and Texas. Buyers have been seeking concessions in the spot market as less confidence prevails because of curtailed motoring. The high temperatures are creating a weather market.

Refiners are asking for rains. Not only has the drought greatly reduced the consumption of kerosene but this week consumption of gasoline has also become affected. Jobbers have returned to hand to mouth ordering.

In many sections quotations of gasoline are being shaded ½c. per gallon. Contract prices are unchanged.

GASOLINE (refinery).—Although contract prices are unchanged, there is weakness in the spot market both for immediate and future shipments. U. S. motor is quoted 4½c. to 4⅝c. per gallon while the middle is generally quoted 4⅞c. to 5c. and the highest grade about 5¾c. to 5⅞c. Trading effected at these prices has been for small orders as there has been an absence of large bookings.

NATURAL GASOLINE.—Continued buying has raised the 26-70 grade to 3¼c. in Oklahoma and to 3c. in Texas while the 18 pound grade is 3.90c. in Oklahoma and 3.60c. in Texas. The 14 pound grade is 4½c. a gallon and the 12 pound material 4¾c. a gallon. The demand is very large and refiners are ordering the lighter grades.

KEROSENE.—This market is practically stagnant. Orders are very few and only for small quantities. There is an absence of the seasonal demand as the drought stricken area remain inactive in plowing. Although the prevailing quotations at the refineries remain at 3¼c. to 3½c. the spot market is exceedingly weak and some trading in the 41-43 grade has been effected at 2⅞c. for spot movement.

DISTILLATES.—In sympathy with the weakness in kerosene the No. 1, 38-40 prime white grade is soft although quotations are unchanged at 2⅞c. to 3c. The grades of heavier gravity, however, are scarce and the prices are tight. The No. 32-36 zero gas oil is 2¾c. while the 28-32 is quoted at the same price. The U.G.I. is also scarce at 2⅜c. Refiners are confident of higher prices and are building up their inventories at these prices. There is practically no material available for delivery over the coming season.

FUEL OIL.—There is weakness in the low grades of 5 to 11 gravities which are high viscosities and some material was traded in the Oklahoma market at 45c. to 50c. per barrel. In the 12 to 16 gravities, however there is some firmness as the lower viscosities are more scarce and selling at 70c. up

Chicago, July 31.—The consumption of gasoline throughout the general central marketing territory is holding up at record-breaking levels and there is a heavy movement of material from refineries to the trade, accordingly. The market tone, however, is somewhat disturbed by spottiness and a certain amount of irregularity persist. Inquiries are fairly good, and some fairly large amounts of gasoline are reported purchased. Most of the buying is in the way of contract orders from jobbers. Tankwagon and service station prices are holding about unchanged on the average. The kerosenes and tractor fuels are weak, while domestic fuels also are unsteady. The heavy fuels and gas oils are in good demand. Lubricants are firm and in good tone.

GASOLINE.—Low octane motor, 4⅞c. to 5c. per gallon; middle octane motor, 5¼c. to 5½c.; high octane motor, 5⅞c. to 6⅛c.; 60-62, 400, 4⅞c. to 5c.; 64-66, 375, 4⅞c. to 5⅛c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3⅝c. to 3⅞c. per gallon; 41-43, water white, 3¼c. to 3½c.

FURNACE OILS.—No. 1 prime, 3c. to 3¼c. per gallon; No. 1 straw, 2⅞c. to 3c.; No. 2 straw, 2¾c. to 2⅞c.; No. 2, dark, 2⅝c. to 2¾c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3, low cold test, 2⅝c. to 2¾c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 70c. to 75c.; No. 5, 60c. to 65c.

New Orleans, July 28.—Steadiness continues to be the keynote of the domestic market, with quotations of the previous week remaining unchanged. Foreign inquiries and exports are both reported as good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6¾c. and 68-70 octane at 7¼c. —all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene held its own at 5⅞c. per gallon at refinery.

Good demand on Bunker C fuel oil was experienced at a price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants were quoted on a basis of $1.36 per barrel, delivered.

Oils, Fats and Waxes

Fats and Greases

(Continued from page 38)

STEARINS (barrels).—Prime oleo, 9c. to 9¼c. per pound; lard, packages, 11½c. to 11⅝c.; A white grease, 6¼c. to 6½c.; yellow grease, 5⅝c. to 5½c.; extra oleo stocks, 9c. to 9½c.; No. 2 stocks, 8½c. to 9c. (Oleo stocks in car lots.)

Liverpool, July 31.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	Sept.	Oct.	Jan.
	s. d.	s. d.	s. d.	s. d.
Saturday	54 6	51 0	52 0	51 6
Monday	54 6	51 0	51 9	51 3
Tuesday	54 6	51 0	52 0	51 9
Wednesday	54 6	51 6	52 3	52 3
Thursday	55 6	52 3	53 6	53 3
Friday	56 6	52 9	53 6	53 9

Liverpool, July 31.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed
	s. d.	s. d.
Saturday	27 6	22 6
Monday	27 6	22 6
Tuesday	27 6	22 6
Wednesday	27 6	22 6
Thursday	27 6	22 6
Friday	27 6	22 6

Fatty Acids

Red Oil.—Previous selling schedules were adhered to by producers, the tone of the market apparently being firm. Consumers did not show much disposition to anticipate but there was a fair demand for moderate quantities.

Stearic Acid.—Raw material was slightly easier, but aside from this the situation lacked new features. Prices were maintained at recently advanced levels by producers with a fairly active demand from local and other consumers.

Markets at Other Centers

Chicago, July 31.—Changes in fatty acids are limited in most cases to small fractions. Purchases are varying in volume, with small lot buying still predominating. Cottonseed items are quiet. Stearic acid and red oils have remained quiet and shown no further change.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c. per pound, tankcar, partly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6½c. per pound, tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1¾c. to 1⅞c.

STEARIC ACID.—Single press, 8½c. to 9½c. per pound; double press, 9c. to 10c.; triple press, 11¾c. to 12¾c.

RED OILS.—Distilled or saponified, tanks, 8¼c. per pound; drums, 9½c. to 10½c.

Waxes

Bees.—Strong undertones prevailed. Prices in all markets were entirely free from weaknesses and the outlook was for continued strength as demand forces the issue against stocks said not to be more than moderate. Local trading in refined and bleached waxes was said to be good and full prices were being obtained.

Candelilla.—Prices eased no further but they lacked the support of demand beyond that of jobbing proportions and recovery must wait on a return of buyers who trade in substantial quantities. Competition was fairly keen.

Carnauba.—Prices were firmer on spot and they continued to be strong in Brazil. Communications from the source revealed conditions to be entirely free from any sign even of potential weakness. Stocks in Brazil were moderate and growing smaller under the impulse of world consuming requirements. The supplies were in strong hands. Demand in local circles was fair and recent raiding has absorbed substantial quantities of what recently was a surplus.

Japan.—Business was of jobbing description for the most part and there was not very much of such trade reported last week. Spot prices at unchanged levels were in close alignment with the prevailing cost of goods for shipment from the primary market.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Aug. 1	1935 Jan. 1-Aug. 1
Commercial crude oil production	615,666,000	552,291,000
	Week ended Aug. 1, 1936	Week ended Aug. 3, 1935
Daily average production	2,950,300	2,731,000
	Week ended July 25, 1936	Week ended July 18, 1936
Estimated motor fuel stock total	65,819,000	66,134,000
Estimated finished motor fuel stocks in refineries	37,719,000	37,897,000

McKesson & Robbins Leases New Site for Newark Plant

McKesson & Robbins, Inc., has leased for fifteen years, with option to buy, four buildings at Summer avenue and Halleck street, Newark, N. J., from the American Colortype Company, owner, and will move the local division, the McKesson-Roeber-Kuebler Company, into the larger quarters about by October 1. Gradual expansions had been made at the old quarters in Plane street until the facilities in the neighborhood were inadequate to accommodate the increased demands. With more than 100,000 square feet of space available, extensive alterations will be made to provide a modern warehousing and distributing plant.

Wyeth & Bro. Establishes Separate Standards Unit

John Wyeth & Bro., manufacturing chemist, Philadelphia, has created a separate departmental unit to be known as the Wyeth division of tests and standards, under the direction of Dr. James C. Munch, Professor of Physiology and Pharmacology and director of research at Temple University College of Pharmacy, according to Alfred Barol, director of the Wyeth laboratories. The division, in addition to exercising a rigid control over the quality of raw materials and finished products, will act in co-operation with the research department, in charge of Ambrose Hunsberger, jr., in the development of new products and improvement of the old.

J. L. Warren, for many years secretary-treasurer of the Mountain Producers Corporation, Denver, retired on a pension, July 1. H. C. Wadlington was named as his successor.

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Fertilizer Materials

Nitrate of Soda Prices Unchanged for August—Liquids Booked Heavily Under Contract — Prices May Rise Now —Organic Prices Topping Off

Nitrate of soda prices for August delivery are unchanged from the July levels. Sellers are not booking beyond August 31.

A substantial tonnage of liquid ammoniates was contracted for last week under the agreements which were to have been signed no later than Friday. Urea-ammonia liquor, nitrogen solution, B liquor and anhydrous ammonia were pushed by the sellers, and because of the attractiveness of the prices against sulphate of ammonia and other nitrogen carriers, the buyers who are equipped to handle liquids have responded in brisk fashion. There is a belief in the trade that liquid prices will rise now. The added interest in liquids this season is likely to create a demand for low-grade organics, such as cottonseed and castor meal.

Organic ammonia prices seemed to be topping off last week after several weeks of uninterrupted price advances. The present quotations for packing-house by-products are somewhat out of the reach of the fertilizer trade, and now that the drought has eased up in some sections, the feeders are not scrambling for supplies as they had been. Fish materials and nitrogenous continue to point in an upward direction, but some of the others in the organic field appear to be leveling off.

Potash materials continue in the quiet position encountered just after the expiration of the maximum discount period. Superphosphate buyers in the Southwest are still waiting for prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, import., 5c. per unit.
Castor pomace, dom., 50c. per unit.
Fish scrap, Chesapeake, ungr., 15c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The July prices will continue through August. Importers and domestic makers advised the trade last week that they would take business at present prices up to August 31. The prices are based at $24.50 per ton for material in bulk, ex vessel at the ports. Bagged prices are $25.80 per ton for 200's and $26.50 per ton for 100-pound bags. There is a little July business being done, and there has also been some dressing business which should have reached the market in May or June.

Sulphate of Ammonia.—Contract bookings under the new price schedule issued on July 14 have been modest. The principal event in the market last week was the report that a cargo of Russian material had been sold within the past ten days. The actual tonnage and the delivery period were not known, but it was rumored that the lot weighed some 2,000 to 3,000 tons and the reported sales price was $24 per ton, c.i.f. Importers of other European material are not offering as yet. Domestic production of sulphate of ammonia or its equivalent, as estimated from by-product coke operations in June, was 58,858 tons, compared with 59,229 tons in May, a reduction of 0.6 percent. The June, 1935, estimate was 39,877 tons, and the output in June, 1934, was 46,300 tons. Estimated production for the first six months of this year was 327,067 tons, against 253,541 tons in a like period last year and 261,900 tons in the first six months of 1934, according to the Bureau of Mines. German domestic prices of sulphate were reduced July 1 and are now 68½ pfennigs per kilo of N with a maximum differential of 10 pfennigs per kilo between the busy and dull seasons. The 1936 schedule was based at 71 pfennigs.

Cyanamid. — Sellers are booking at the recently named prices of $1.07½ per unit of ammonia at Gulf ports or delivered to interior points, and $1.03 per unit at Atlantic ports. German domestic prices were reduced July 1 to 72 pfennigs per kilo of nitrogen with a maximum differential of 10 pfennigs between the busy and dull seasons. The 1936 schedule was 74½ pfennigs per kilo.

Dried Blood.—Imported material sold higher at $3.05 per unit, a rise of 5c. over the preceding sale. Otherwise the market was unchanged from the high levels reached a week ago. Fertilizer producers balked at the high prices and feeders' purchasing interest has not been so active during the past week. Chicago seems to be topping off with reported offerings at $3.25 per unit.

Castor Pomace.—As reported in the late market summary of last week's issue, domestic is now held at $16 per ton, basis producing points. This is 50c. higher than previously. The foreign article hovers around $17 to $18 per ton for shipment, c.i.f. Heavy purchasing of liquid ammoniates will likely result in a broader demand for this and other low-grade organics later in the season.

Fish Scrap.—Unground Chesapeake menhaden scrap sold at $3 and 10c. per unit-ton, f.o.b. factory last week, a new high for the season. The sale was a first-hand transaction and represents a rise of 15c. over the re-sale market a week ago. Ground material in Baltimore was last reported at $42 to $43 per ton. Japanese sardine meal was quoted at $38.50 per ton for shipment, basis c.i.f. At times during the week a firm bid at lower levels would have been accepted but at other times the market seemed right firm. At the present writing the market's position is a trading one but this may not be the case by the time this report reaches the trade.

Nitrogenous Material.—The market holds a tight position. Trading interest has been active. Imported material continues at $2.40 per unit for shipment through December, basis c.i.f. January position was recently mentioned at $2.35, but it is not known if this is still available. The domestic article at East Coast points is now named at $2.50 per unit. The Western market was firm, but unchanged, after the advances of a week ago.

Tankage.—There are no offerings of the South American article, and latest price heard was purely a nominal one at $3 and 10c. per unit. The domestic product has not sold in New York during the past week and quotations are named at a wide range. The Chicago market was unchanged.

Urea-Ammonia Liquor. — Contracts for this and other ammoniating solutions for delivery over the balance of the fertilizer season at current prices were to have been signed prior to the close of business Friday.

Potashes

As reported here last week, there was a satisfactory tonnage booked prior to the expiration of the maximum discounts. Some of the larger buyers had not booked very heavily because of carry-over stocks. Insofar as new business is concerned, the market is quiet now and will likely remain so until closer to the time of expiration of the current discount rate, which is 5 percent off the list on orders placed with specifications prior to October 1, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from October 1 to December 31. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Phosphates

Principal interest in the phosphate materials market is the awaited announcement of prices in the Southeast. Canadian buyers are also waiting for prices. In the meanwhile, sellers in the Baltimore area talk a little firmer than they had been, but the market is not one that really displays strength. Bone products are quiet.

Bone Materials. — There were no movements on the price side of the market last week. The demands are rather light, as is usual at this time of the season.

Superphosphate.—Some of the sellers in the Baltimore area are talking a little stronger, but there is no real exhibition of strength in the market. Prices have not been named to the Southeastern buyers as yet.

Sulphur and Pyrites

Sulphur is moving into industrial consumption at a good Summer rate. The steel rollers are active buyers and phosphate acidulators are beginning to work toward seasonally increased production. The price situation remains unchanged. Following the tax increase in Louisiana, there will doubtless be an attempt to increase the severance tax in Texas. The next regular session of the Texas legislature is scheduled for January, and while the Governor may call a special session if he so desires, there has been no intimation that it will be done.

Markets at Other Centers

Atlanta, July 29.—Except for contracts covering anhydrous ammonia and potash, preparatory to production of base goods, the fertilizer market is lifeless. Organic ammoniate prices are being resisted by the trade.

The sale of top dressing materials for Spring and Summer use have been far below early season expectation, because of drouth damage.

The cotton crop is poor throughout the fertilizer consuming area.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—Nominal.

NITRATE OF SODA.—$24.50 per ton, ports and Birmingham.

SULPHATE OF AMMONIA.—$25 per ton, ports and Birmingham.

COTTONSEED MEAL.—7 percent grade, $30 per ton, interior mills.

NITROGENOUS.—$2.35 to $2.40 per unit, ports.

BLOOD.—$3.40 to $3.50 per unit, Chicago; foreign, $3.10 unit, ports.

TANKAGE.—$3.00 and 10c. per unit, Chicago; $3.10 to $3.25 and 10c., ports.

CYANAMID.—Ports, $1.03 per unit; interior points, $1.07½ per unit.

FISH.—Japanese meal, $38.50 per ton, ports.

Baltimore, July 30.—Perhaps the week's most impressive development was the strength shown in ammoniates. Menhaden fishing has been light but the fishing was somewhat better during the past week. Prevailing quotations are about as follows:—

FISH SCRAP.—Sales of unground were made at $3 and 10c. per unit-ton, down the bay. Domestic fish meal ranges around $42 to $43 per ton at Baltimore, with Japanese sardine meal at $38.50 to $39 per ton, c.a.f. basis, Baltimore.

TANKAGE.—Sales recently negotiated at $3 per unit-ton awakened buyers to the market's possibilities and buying interest is livelier.

BLOOD.—Sellers hold out for $3 per unit, c.a.f. basis Baltimore.

GARBAGE TANKAGE.—Sellers stand on $3.10, 10c. and 70c. per unit-ton.

BONE.—Prices remain unchanged at $23.50 to $24.50 per ton for 3 and 50 ground steamed, and at $24.50 to $25.50 per ton for 4½ and 50 ground raw stocks.

Chicago, July 29.—Although some of the more rampant and sudden advances are no longer noticed in the general fertilizer materials market, there is sufficient strength to carry along the general market in a tenor of firmness. Also, there are a few instances of additional rises in organics. The market as a whole seems to have a healthy tone. Inquiries are coming in for material, and shipments are reported reaching fairly extensive totals. Sellers are not anxious to dispose of much material. In the bone materials, prices are steady to stronger.

BLOOD.—High grade, ground and unground, $3.25 to $3.40 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $3.70 to $3.90; 7 to 9 percent, $4 to $4.25 and 10c.

TANKAGE.—High grade, ground, $3 to $3.20 and 10c.; low grade tankage, $17.50 to $18 per ton, Middle West; liquid stick, $2.20 to $2.25; hoof meal, $2.65 to $2.75.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $22 to $24; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $25 to $26; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 85c. to 90c.

San Francisco, July 28.—While sales in the San Francisco territory, for consumption in this area were fairly slow last week, nevertheless fertilizers were showing very definite signs of business betterment in the Southern portion of the state. Sulphate of ammonia was said to be going into contract for Fall and Winter delivery at the new scheduled prices and as a matter of fact most materials, including the whole list of organic and inorganic products were active. Out of the market here fish meals continued to be the feature, with spot California meal gone and with the trade calling on British Columbia pilchard meal for prompt requirements. Late and mid-season California and Oregon sardine meals were both active at advanced prices. While sulphate of ammonia is quiet here in San Francisco, buyers nonetheless have this material more under consideration than just recently.

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80; and bulk lots are quoted at $25.50 per ton ex-vessel in San Francisco-Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P. A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles Harbor and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices open until June, 1937. Japanese material reported offered at $26.90, c.i.f. Coast.

SUPERPHOSPHATE. — Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 80c. to 85c. per unit. Foreign material, 80c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $33.50, September-October-November shipment, f.o.b. cars, Monterey-San Francisco. Late August Oregon meal at $33.50, f.o.b. production point. Canadian pilchard meal prompt shipment from Van-

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couver at $46 per ton, f.o.b. San Francisco. Strictly fertilizer grade Japanese meal, August shipment from the Orient at $33.75, ex-dock, San Francisco.

TANKAGE.—Local packing house tankage, ground, quoted at $3 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $2.80 and 10c. Argentine ground tankage quoted at $3.05 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 75c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $3 per unit, f.o.b. cars, Los Angeles, and $2.80 San Francisco. Argentine blood meal quoted at $3.10, c.i.f. Pacific Coast ports.

I.C.C. Allows Sulphur Freights

WASHINGTON, July 29, 1936.

The Interstate Commerce Commission has authorized establishment of a rate of 40 cents per 100 pounds on crude sulphur from Byram, Texas, to Cleveland and Toledo, Ohio, and Detroit, Port Huron, Alpena, and Midland, Mich., and a rate of 37 cents per 100 pounds from Barba, La., and Bryan Mound, Damon, Freeport, Gulf Hill, Hoskins, Long Point, Newgulf Junction, and Sulphur Docks, Texas, and maintenance of higher rates to intermediate points. The establishment of the new rates is permitted, the Commission explained, to enable rail carriers to compete with water carriers operating through New York city and the New York State barge canal, and the relief granted will be limited to the period of open navigation on the water route.

Hercules Powder Advances Bigelow to Vice-President

The board of directors of the Hercules Powder Company, at its meeting July 29, elected Charles A. Bigelow a vice-president and member of the executive committee. Mahlon George Milliken, general manager of the cellulose products department, was elected a director, and William Robert Ellis, now assistant general manager of the explosives department, was named general manager, taking the place vacated by Mr. Bigelow. Mr. Bigelow has been with the company since 1921; Mr. Milliken and Mr. Ellis since 1915.

Atlas Powder Income Increases

The Atlas Powder Company reports for the quarter ended June 30 net income of $380,619, equal after preferred dividends, to $1.11 a share on 249,966 shares of common stock, compared with $1.01 per share for the first quarter of the year. Net income for the half year was $735,755, equivalent to $2.12 a share, compared with $479,782 or 93 cents a share, for the first half of last year. Sales for the first half of 1936 amounted to $7,476,459, compared with $6,152,327 for the first half of 1935.

DuPont Puts 'Cavalcade of America, in Music' on Radio

E. I. duPont de Nemours & Co., sponsor of "Cavalcade of America," a radio dramatic production, since last Fall, is now presenting a musical series through the Summer in its regular period over the Columbia Broadcasting System, from 8:00 to 8:30 p.m., EDST, Wednesdays. Arthur Pryor and his band are being featured in the Summer series "Cavalcade of America—in Music." As in the previous series, the duPont company is presenting the message of "Better Things for Better Living, through Chemistry," portraying outstanding advances in American life made possible by the work of research chemists.

Rosin imports into Hungary increased from 30,894 metric quintals in 1934 to 36,712 quintals in 1935. The United States supplied about one-third of the quantity. Imports of pine oil increased from 9,094 quintals to 12,325 quintals, of which about 2,600 quintals originated in the United States.

Paint, Varnish and Lacquer Materials

(Continued from page 44)

Glues and Binders

Casein.—Sellers continued to evidence strong ideas. The best price avilable for domestic 20-30 mesh is 16½c. per pound and some holders are quoting up to 17c. and 17½c. per pound. The usual ½c. additional differential holds for the 80-100 mesh. Supplies continue light and the market is in an easy position to move further upward. Argentine remains at 17c. to 17½c. per pound, with some trading reported. Exports of casein from British India during the fiscal year ended March 31 increased to 11,452 cwts., against 7,952 cwts. during the preceding year.

Glues.—Some sellers continue to mention higher prices than those at which other suppliers are willing to offer. There is quite some variance in the ideas of the several sellers, both on bone and hide glues for the calcimine trade. Demands are rather light at this time, but broader consumption is expected as the Autumn months approach and prices may register additional appreciation on broadened demands.

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90 dms, American Cyanamid & Chem Co, Transylvania, Glasgow
166 dms, 79 tons, 16 cwt, 1 qrt, 2 lbs, American British Chem Supplies, American Importer, Manchester
146 dms, 32 tons, 9 cwt, 1 qrt, 2 lbs, American Cyanamid & Chem Co, American Importer, Manchester
LINSEED OIL—265 dms, I R Boody & Co, Boschdijk, Rotterdam
150 bbls, Woburn Degreasing Co, Boschdijk, Rotterdam
150 dms, 70,983 lbs, Black Condor, Rotterdam
10 bbls, 4,164 lbs, Black Condor, Rotterdam
NAPHTHENIC—25 bbls, 11,814 lbs, Socony Vacuum Oil Co, Hamburg, Hamburg
SOYBEAN OIL—10 bbls, 4,565 lbs, Black Condor, Rotterdam
STEARIC—133 bgs, 10 tons, 6 cwt, 1 qrt, 9 lbs, Orbis Products Corp, Laconia, Liverpool
TARTARIC—750 cks, Leonhardt & Brush, Hoegh Transporter, Venice
ADEPS LANAE—121 bbls, 17 tons, 15 cwt, 1 qrt, 12 lbs, C Tennant Sons & Co, Laconia, Liverpool
AGAR AGAR—20 bls, S B Penick & Co, Wales, Kobe
25 bls, National City Bank, Kwanto, Kobe
30 bls, Mitsui & Co, Awobasan, Kobe
10 bls, Wood & Selick, Awobasan, Kobe
10 bls, H Baron & Co, Awobasan, Kobe
10 bls, Orbis Product Trading Co, Awobasan, Kobe
ALBUMEN, DUCK—33 cs, Bridges, Neumer & Co, Kwanto, Hankow
22 cs, T M Duche & Sons, Nagara, Hankow
EGG, HEN—56 cs, Consumers Import Co, Kwanto, Tientsin
28 bbls, Henningsin & Co, Kwanto, Tientsin
10 cs, T M Duche & Sons, Kwanto, Tientsin
22 cs, Welchers, Inc, Nagara, Shanghai
56 cs, Stein, Hall Co, Nagara, Tientsin
ALCOHOL, DENATURED—500 cs, C Esteva, Angelina, Arecibo
ALOE—200 cs, Selma Mercantile Corp, Amor, Curacao
ALUMINUM, POWDER—44 dms, C J Osborn & Co, Hamburg, Hamburg
ANNATTO SEED—128 bgs, Barber S S Line, American Farmer, London
ANTIMONY ORE—347 bgs, Bank of London South America, Santa Clara, Antofagasta
324 bgs, Philipp Bros, Santa Clara, Antofagasta
610 bgs, National Lead Co, Southern Cross, Buenos Aires
REGULUS—250 cs, Arnhold & Co, Nagara, Hankow
ARROWROOT—105 bbls, 100 bgs, Morningstar, Nicol, Nidareid, St Vincent
700 bgs, 400 bbls, Morningstar, Nicol, Nerissa, St Vincent
400 bbls, Morningstar, Nicol, Seavictory, St Vincent
ARTIST'S MATERIAL—18 cs, Gallagher & Ascher, Black Condor, Rotterdam
3 cs, Winsor & Newton, American Farmer, London
2 cs, Favor, Ruhl & Co, American Farmer, London
ASPHALT—200 bgs, A V Berner & Co, Oriente, Havana
1,167 cakes, Hamburg, Bremen
180 bbls, A V Berner & Co, Orizaba, Havana
680 bgs, A V Berner & Co, Seatrain N Y, Havana
BALSAM—10 cs, McKesson & Robbins, Santa Rosa, La Libertad
BARK, MEDICINAL — 35 bls, American Farmer, London
6 bls, J L Hopkins & Co, American Farmer, London
BARYTES—600 bgs, Whittaker, Clark & Daniels, Nordhavet, Genoa
BAY RUM—100 cs, Garcia & Fabregas, San Juan, Ponce
BLOOD, DRIED—772 bgs, Geck Trading Co, Seatrain N Y, Havana
BONES—1,396 bgs, Van Inderstein Co, Falcon, Puerto Cabello
BRISTLES—115 cs, F W Von Stade, Nagara, Tientsin
65 cs, N Wagman & Co, Nagara, Tientsin
18 cs, F H Cone & Co, Nagara, Tientsin
6 cs, Iwai & Co, Nagara, Tientsin
50 cs, A Hurst & Co, Wales Hankow
35 cs, F H Cone & Co, Wales, Kobe
12 cs, F W Von Stade, Wales, Kobe
50 cs, Public Natl Bank, Kwanto, Shanghai
100 cs, National Bank of Com & Trust Co, Kwanto, Shanghai
25 cs, Irving Trust Co, Kwanto, Shanghai
100 cs, National City Bank, Kwanto, Hankow
100 cs, Tradesmen Natl Bank Trust Co, Kwanto, Hankow
152 cs, Mitsui & Co, Kwanto, Hankow
12 cs, Kwanto, Hankow
11 cs, Royal Bank of Canada, Kwanto, Harbin
66 cs, National City Bank, Kwanto, Harbin
55 cs, Industrial Trust Co, Kwanto, Tientsin
55 cs, Corn Exchange Bank Trust Co, Kwanto, Tientsin
43 cs, Kwanto, Tientsin
85 cs, National City Bank, Kwanto, Tientsin
9 cs, Philadelphia Natl Bank, Kwanto, Shanghai
52 cs, Kwanto, Tientsin
50 cs, Kwanto, Shanghai
10 cs, J Henry Schroeder Banking Corp, Kwanto, Tientsin
101 cs, Guaranty Trust Co, Kwanto, Tientsin
55 cs, Royal Bank of Canada, Kwanto, Tientsin
50 cs, Goldman, Sachs & Co, Kwanto, Tientsin
16 cs, F W Von Stade, Awobasan, Kobe
8 cs, M Broverman & Son, American Farmer, London
17 cs, Chesnut, Cooper & Co, American Farmer, London
49 cs, American Farmer, London
40 cs, Schenker & Co, American Farmer, London
BRONZE POWDER—7 dms, 7 cs, 4,347 lbs, Bryant & Hefferman, Hamburg, Hamburg
8 cs, 3,687 lbs, G W Sheldon & Co, Hamburg, Hamburg
1 cs, Aug Stauff & Co, Hamburg, Bremen
BROOM TOPS—9 bgs, J L Hopkins & Co, Black Hawk, Antwerp
CALCIUM ACETATE—6,479 bgs, 437 tons, 15 cwt, 1 qrt, W S Gray & Co, Tampa, Madras
TARTRATE—352 bgs, Nordhavet, Alicante
CAMPHOR—100 cs, F W Woolworth Co, Nagara, Kobe
CRUDE—50 cs, Mitsui & Co, Kwanto, Keelung
REFINED—100 cs, Mitsubishi Shoje Kaisha, Wales, Kobe
125 cs, C L Huisking & Co, Kwanto, Kobe
CARAWAY SEED—100 bgs, Boschdijk, Rotterdam
CARDAMOM—14 cs, American Farmer, London
10 cs, Barber S S Line, American Farmer, London
20 cs, President Garfield, Colombo
CASEIN—70 bgs, D C Andrew & Co, Hamburg, Hamburg
834 bgs, Balfour, Guthrie & Co, Augvold, Buenos Aires
834 bgs, T M Duche & Sons, Southern Cross, Buenos Aires
CASSIA—300 bls, Kwanto, Hongkong
50 bls, Kwanto, Canton, Batavia
226 pkgs, C T Wilson & Co, Greystoke Castle, Batavia
50 bls, Wood & Selick, Nagara, Hongkong
BUDS—25 cs, Kwanto, Canton
CASTOR BEANS—1,80€ bgs, W R Grace & Co, Augvald, Buenos Aires
6,096 bgs, Uruguayo, Santos
CHALK, BLOCK—3,290 tons, Taintor Trading Co, Torny, London
PRECIPITATED—100 cks, 225 bgs, 33 tons, 6 cwt, 2 qrts, 2 lbs, H J Baker & Bros, Laconia, Liverpool
1,600 bgs, Seven Seas Mercantile Transport Co, American Farmer, London
320 bgs, Lo Curto & Funk, American Farmer, London
CHAMOIS—3 cs, American Sponge & Chamois Co, American Farmer, Havre
CHAMOMILE FLOWERS—10 cs, 2,816 lbs, Hamburg, Hamburg
CHEMICALS—70 dms, Chemical Bank Trust Co, Boschdijk, Rotterdam
8 cs, 1,126 lbs, Hamburg, Hamburg
480 bgs, 82,544 lbs, 2 cs, 343 lbs, Sherka Chem Co, Hamburg, Hamburg
11 bbls, 3,596 lbs, National City Bank, Hamburg, Hamburg
1,016 bgs, 224,862 lbs, Advance Solvents & Chem Co, Hamburg, Hamburg
3 cs, 413 lbs, Harshaw Chem Co, Hamburg, Hamburg
40 cs, 6 bbls, 12,071 lbs, National Carloading Corp, Hamburg, Hamburg
25 cs, 3,520 lbs, Hamburg, Hamburg
30 bbls, 3,960 lbs, Hamburg, Hamburg
20 kgs, 2,442 lbs, Philip Bauer Co, Hamburg, Hamburg
50 carboys, 6,784 lbs, Advance Solvents & Chem Co, Hamburg, Hamburg
3 cs, Schimmel & Co, Hamburg, Hamburg
12 cs, 3,077 lbs, American Cyanamid & Chem Co, Hamburg, Hamburg
20 cks, 11,800 lbs, Hamburg, Hamburg
50 kgs, 6,483 lbs, Hamburg, Hamburg
17 cks, 12,617 lbs, Advance Solvents & Chem Co, Hamburg, Hamburg
60 bbls, 2 cs, 35,899 lbs, P C Kuyper & Co, Hamburg, Hamburg
3 cks, 10 cs, Jungmann & Co, Hamburg, Hamburg
172 cks, 96,254 lbs, Hamburg, Bremen
1 cs, C B Kuyper Co, Hamburg, Bremen
340 bgs, 25 cks, Hamburg, Hamburg
40 bbls, 12,496 lbs, Innis, Speiden & Co, Minnequa, Gdynia
80 bgs, Schofield Donald Co, Transylvania, Glasgow
102 bgs, H H Rosenthal & Co, Kwanto, Osaka
100 bgs, Hummel Chem Co, Hoegh Transporter, Venice
75 dms, 34,815 lbs, American Cyanamid & Chem Co, Black Condor, Rotterdam
14 dms, 2,323 lbs, Black Condor, Rotterdam
40 dms, Royal Bank of Canada, Black Condor, Rotterdam
46 cks, Advance Solvents & Chem Co, Bergensfjord, Oslo
2 cs, Eimer & Amend, Erik Boye, Hamburg
8 cs, G J Wallau, Champlain, Havre
3 cs, Lo Curto & Funk, Champlain, Havre
CHINA CLAY—390 bgs, 30 tons, Whittaker, Clark & Daniels, Laconia, Liverpool
15 bbls, E Fougera & Co, American Farmer, London
10 kgs, P H Petry & Co, American Farmer, London
CHROME METAL—50 dms, 5 tons, 3 cwts, 3 qtrs, 10 lbs, Driver Harris Co, American Importer, Manchester
ORE—1,900 tons, E J Lavino & Co, Exarch, Lourenco
OXIDE—3 bbls, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
CINCHONA BARK—6 bls, J L Hopkins & Co, American Farmer, London
CINNABAR—7 cs, 12 bbls, 5,029 lbs, A Hurst & Co, Exermont, Leghorn
COALDUST—42 dms, 17,413 lbs, Alpha Lux Co, Black Condor, Rotterdam
COALTAR INTERMEDIATES—16 cs, General Dyestuff Corp, Hamburg, Hamburg
COBALT, METAL—6 cs, F Samuels & Co, Laconia, Liverpool
OXIDE—11 bbls, 2,362 lbs, Cuno Sievers, Hamburg, Hamburg
COCOA BEANS—9,249 bgs, W & A Leaman, Boschdijk, Rotterdam
250 bgs, Nedareid, Grenada
175 bgs, Curacao Trading Co, Coamo, Santa Domiego
2,000 bgs, Guaranty Trust Co, Orania, Ilheus
5,000 bgs, Bankers Trust Co, Orania, Ilheus
1,500 bgs, National City Bank, Orania, Ilheus
3,000 bgs, Orania, Ilheus
500 bgs, Haiti, Cristobal
20 bgs, W & A Leaman, Haiti, Port de Paix
64 bgs, Lopez & Mangual, Falcon, Maracaibo
37 bgs, Micke & Co, Falcon, Maracaibo
80 bgs, Falcon, Puerto Cabello
150 bgs, Machado & Co, Falcon, La Guaira
250 bgs, Curacao Trading Co, Guayaquil, Cristobal
50 bgs, Guayaquil, Cristobal
500 bgs, W R Grace & Co, Santa Clara, Guayaquil
27 bgs, Schutte & Focke, Amor, Curacao
55 bgs, Struller & Wood, Amor, Curacao
200 bgs, Wessel, Duval & Co, Amor, Puerto Cabello
300 bgs, Royal Bank of Canada, Amor, Puerto Cabello
970 bgs, Amor, Puerto Cabello
1,000 bgs, Curacao Trading Co, Alegrete, Bahia
COCOA BEANS—1,500 bgs, Alegrete, Bahia
250 bgs, Nieschlag & Co, Alegrete, Victoria
250 bgs, Wessel, Kulenkampf Co, Southern Cross, Trinidad
875 bgs, Exarch, Trinidad
1,150 bgs, Seavictory, Trinidad
COCONUTS—600 bgs, 60,000 lbs, Franklin Baker Co, Haiti, Cristobal
464 bgs, 46,400 lbs, Franklin Baker Co, Haiti, Kingston
500 bgs, 50,000 lbs, A N Leakway, Haiti, Kingston
1,478 bgs, 147,800 lbs, Franklin Baker Co, Haiti, Kingston
110 bgs, 11,000 lbs, Universal Import & Export Co, Haiti, Kingston
100 bgs, 10,000 lbs, Durkee Famous Foods, Nerissa, Trinidad
711 bgs, 71,100 lbs, Durkee Famous Foods, Nerissa, St Vincent
250 bgs, 25,000 lbs, Durkee Famous Foods, St Lucia
250 bgs, 25,000 lbs, I L Toledano Corp, Guayaquil, Cristobal
50 bgs, 5,000 lbs, H Schnell, Angelina, Mayaguez
121 bgs, 12,100 lbs, Franklin Baker Co, Angelina, Mayaguez
1,050 bgs, 105,000 lbs, Franklin Baker Co, Angelina, Mayaguez
200 bgs, 20,000 lbs, Fruit Despatch Co, Ulua, Kingston
COLORS—11 cks, Fulton Dye Import Co, Champlain, Havre
BRONZE—7 cs, 660 lbs, J E Mandlik, Hamburg, Hamburg
CADMIUM—6 bbls, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
COALTAR—30 kgs, General Dyestuff Corp, Boschdijk, Rotterdam
DRY—53 cks, C J Osborn & Co, Boschdijk, Rotterdam
40 cks, Boschdijk, Rotterdam
EARTH—85 cks, 38,247 lbs, Reichard-Coulston, Hamburg, Hamburg
53 cks, 35,655 lbs, Calco Chem Co, Hamburg, Bremen
10 cks, 6,450 lbs, Whittaker, Clark & Daniels, Hamburg, Bremen
COPRA—400 tons, Franklin Baker Co, Greystoke Castle, Legaspi
CORK—4 bgs, L Mundet & Sons, Exermont, Lisbon
SHAVINGS—125 bls, Johnson Turner Trading Co, Hoegh Transporters, Bona
854 bls, Johnson Turner Trading Co, Hoegh Transporter, Algiers
WASTE—932 bls, L Mundet & Sons, Nordhavet, Lisbon
517 bls, Johnson Turner Trading Co, Hoegh Transporter, Bona
7,015 bls, L Mundet & Sons, Exermont, Lisbon
WOOD—100 bls, Nordhavet, Lisbon
304 bls, L Mundet & Sons, Nordhavet, Lisbon
5,526 bls, Johnson Turner Trading Co, Hoegh Transporter, Bona
311 bls, Wicander & Co, Hoegh Transporter, Algiers
241 bls, L Mundet & Sons, Hoegh Transporter, Algiers
25 bls, Wicander & Co, Exermont, Lisbon
2,338 bls, L Mundet & Sons, Exermont, Lisbon
COTTON LINTERS—331 bls, Cauto, Tampico
CRESOL, SOLID—15 kgs, Monsanto Chem Co, American Importer, Liverpool
CUBEBS—16 cs, President Garfield, Singapore
CUDBEAR—5 cks, S B Penick & Co, Laconia, Liverpool
CYANIDE PRECIP—21 cs, Southern American Development Co, Santa Clara, Guayaquil
DEXTRIN, POTATO—50 bgs, Stein, Hall & Co, Boschdijk, Rotterdam
DILLSEED—2 bgs, President Garfield, Alexandria
DOGWOOD BARK—11 bgs, Peek & Velsor, Haiti, Kingston
DRAGONS BLOOD—4 cs, President Garfield, Singapore
DRUGS—30 cs, Central Hanover Bank Trust Co, Queen Mary, Southampton
DYES, ANILIN—1 pkg, 2 cks, General Dyestuff Corp, Hamburg, Hamburg
74 cks, Ciba Co, Queen Mary, Southampton
3 cans, 31 cks, Carbic Color & Chem Co, Queen Mary, Southampton
3 kgs, E I Du Pont de Nemours Co, Laconia, Liverpool
39 cks, Geigy & Co, Champlain, Havre
9 cks, Sandoz Chem Works, Champlain, Havre
DYEING MATERIAL—10 cks, Ciba Co, Queen Mary, Southampton
4 cks, Carbic Color & Chem Co, Queen Mary, Southampton
EGG YOLK, HEN—56 cs, Stein, Hall & Co, Nagara, Tientsin
56 cs, Consumers Import Co, Nagara, Tientsin
101 cs, D L Moss & Co, Kwanto, Shanghai
161 cs, Importers Com Co, Kwanto, Tientsin
108 cs, Consumers Import Co, Kwanto, Tientsin
112 cs, J Lowe Corp, Kwanto, Tientsin
56 cs, Bank of Manhattan, Kwanto, Tientsin
112 cs, Stein, Hall & Co, Kwanto, Tientsin
57 cs, T M Duche & Sons, Nagara, Hankow
112 cs, Stein, Hall & Co, Nagara, Tientsin
56 cs, Kane Importing Co, Nagara, Tientsin
EPHEDRA—97 bls, Wah Chang Trading Co, Nagara, Tientsin
ETHYL CHLORIDE—7 cs, 897 lbs, A J Bracher & Co, Erik Boye, Hamburg
FENNEL SEED—120 bgs, President Garfield, Bombay
FENUGREEK SEED—32 bgs, City of Glasgow, Colombo
FILTER COMPOUND—200 bls, 22,880 lbs, A W Fenton & Co, Hamburg, Hamburg
PAPER—13 cs, H Reeve Angel & Co, American Farmer, London
FISH MEAL—1,000 bgs, Wilbur, Ellis & Co, Nagara, Yokohama
2,240 bgs, Consumers Import Co, Nagara, Yokohama
FLAXSEED—465 tons, 18,600 bus, L Dreyfus & Co, Southern Cross, Buenos Aires
FLEASEED—672 bgs, President Garfield, Bombay
GAMBIER—850 cs, Greystoke Castle, Asahan
220 bgs, Hammond & Carpenter, Greystoke Castle, Singapore
216 bgs, E E Androvette, Maylayan Prince, Singapore
GELATIN—4 cs, 1,289 lbs, Dingelstadt & Co, Hamburg, Hamburg
10 bbls, 20 kgs, Robt McLellan, Black Condor, Rotterdam
GENTIAN ROOT—20 bgs, President Garfield, Marseilles
GINGER ROOT—50 bgs, Knickerbocker Mills Co, Ulua, Kingston
GLASS PLATE—6 cs, Globe Shipping Co, Hamburg, Bremen
GLASS, WINDOW—53 cs, Globe Shipping Co, Hamburg, Hamburg
4 cs, Leo Popper & Son, American Farmer, London
GLUE—40 bls, International Selling Corp, Champlain, Havre
50 bgs, Rex & Reynolds, President Garfield, Marseilles
BONE—250 bgs, 27,500 lbs, Hamburg, Hamburg
DRY—200 bgs, 22,352 lbs, Dingelstadt & Co, Black Condor, Rotterdam
GLUESTOCK—695 bls, Darstadt, Scott & Courtney, Boschdijk, Rotterdam
19 bls, Fidelity Union Trust Co, American Farmer, London
GRAPHITE—57 bgs, J F Starkey & Co, Maylayan Prince, Colombo
100 bbls, Bank of Manhattan, City of Glasgow, Colombo
333 bgs, Asbury Graphite Mills, City of Glasgow, Colombo
108 bgs, Asbury Graphite Mills, President Garfield, Colombo
GREASE—270 pkgs, Cold Harbor, Liverpool
WOOL—30 dms, 2 tons, 18 cwt, 12 lbs, M W Parson, American Importer, Mauchester
100 bbls, 21 tons, 1 cwt, 1 qrt, 5 lbs, W I Naimstrom Co, American importer, Manchester
50 bbls, 2 tons, 9 cwt, 12 lbs, McKesson & Robbins, American Importer, Manchester
60 dms, 11 tons, 11 cwt, 2 qrts, 20 lbs, E De Witt Osborn, American Importer, Manchester
25 dms, Innis, Speiden & Co, American Importer, Manchester
2 cs, E De Witt Osborn, American Importer, Manchester
45 dms, 200 cs, 17 tons, 15 cwt, 4 qrts, 39 lbs, National City Bank, Laconia, Liverpool
71 dms, 14 tons, 13 cwt, 1 qrt, 4 lbs, C Tennant & Sons, Laconia, Liverpool
430 dms, 89 tons, 4 cwt, 24 lbs, Hummel Chemical Co, Laconia, Liverpool
114 dms, 23 tons, 10 cwt, 3 qrts, 3 lbs, Robinson, Wagner Co, Laconia, Liverpool
GUARANA—3 cs, J L Hopkins & Co, Swinburne, Para
GUM—1 cs, Greystoke Castle, Singapore
8 cs, R J Prentiss & Co, City of Glasgow, Aden
1 bg, Lo Curto & Funk, American Farmer, London
4 cs, American Farmer, London
ARABIC—51 bgs, 11,444 lbs, S B Penick & Co, City of Glasgow, Port Sudan
160 bgs, 35,904 lbs, Frank Vliet Co, City of Glasgow, Port Sudan
250 bgs, 56,100 lbs, H Heide, City of Glasgow, Port Sudan
150 bgs, 33,660 lbs, Innis, Speiden & Co, City of Glasgow, Port Sudan
150 bgs, 33,660 lbs, Jacques Wolf & Co, City of Glasgow, Port Sudan
BENZOIN—3 cs, President Garfield, Bangkok
CAROB—60 bgs, 6,600 lbs, Stein, Hall & Co, Nordhavet, Para
COPAL—136 bskts, Gillespie, Rogers, Pyatt Co, Greystoke Castle, Macassar
35 bgs, 25 cs, Manufacturers Trust Co, Maylayan Prince, Singapore
25 cs, Gillespie, Rogers Pyatt Co, Maylayan Prince, Singapore
72 bskts, France, Campbell & Darling, Maylayan Prince, Macassar
195 bskts, Van Norden & Co, Maylayan Prince, Macassar
308 bskts, American Cyanamid & Chem Co, Maylayan Prince, Macassar
255 bskts, Gillespie, Rogers Pyatt Co, Maylayan Prince, Macassar
28 bgs, G W S Patterson & Co, American Farmer, London
DAMMAR—210 bgs, Thurston & Braidich, Greystoke Castle, Singapore
100 cs, Rutger, Bleecker & Co, Greystoke Castle, Batavia
70 bgs, Maylayan Prince, Singapore
630 bgs, 50 cs, G W S Patterson & Co, Maylayan Prince, Singapore
210 bgs, 100 cs, American Cyanamid & Chem Co, Maylayan Prince, Singapore
25 cs, Stroock & Wittenburg, Maylayan Prince, Singapore
210 bgs, O G Innes Corp, Maylayan Prince, Singapore
75 cs, Gillespie, Rogers Pyatt Co, Maylayan Prince, Singapore
210 bgs, Maylayan Prince, Singapore
50 cs, W H Scheel, Maylayan Prince, Singapore
64 bgs, France, Campbell & Darling, Maylayan Prince, Macassar
245 bgs, Chase Natl Bank, President Garfield, Singapore
1 cs, F L Kittle, President Garfield, Singapore
350 bgs, President Garfield, Singapore
GUAIAC—2 cs, Davis & Lawrence, San Juan, Azua
KARAYA—134 bgs, Thurston & Braidich, President Garfield, Bombay
140 bgs, Frank Vliet Co, President Garfield, Bombay
227 bgs, S B Penick & Co, President Garfield, Bombay
50 bgs, American Cyanamid & Chem Co, President Garfield, Bombay
133 bgs, Innis, Speiden & Co, President Garfield, Bombay
134 bgs, President Garfield, Bombay
OLIBANUM—256 bgs, Frank Vliet Co, President Garfield, Bombay
TRAGACANTH—55 bgs, E Meer & Co, American Farmer, London
65 bgs, E Meer & Co, President Garfield, Bombay
GYPSUM—5,975 tons, U S Gypsum Co, Gypsum Empress, Windsor
5,000 tons, U S Gypsum Co, Gypsum Prince, Windsor
200 bgs, 20 tons, 3 cwt, 2 qtrs, Whittaker, Clark & Daniels, American Importer, Manchester
HEMPSEED — 1,338 bgs, Mitsubishi Shoji Kaisha, Nagara, Dairen
HERBS, MEDICINAL—200 bls, 24,107 lbs, Nordhavet, Alicante
30 bls, 6,050 lbs, Hamburg, Hamburg
30 bls, 7,007 lbs, Hoegh Transporter, Bona
HOPS—44 bls, R F Downing & Co, Hamburg, Hamburg
112 bls, American Farmer, London
40 bls, Wolfe Hop Co, American Farmer, London
HORN, CATTLE—460 bgs, Scholtz & Co, Falcon, Puerto Cabello
INK, PRINTING—10 cks, 3,352 lbs, Schenker & Co, Hamburg, Hamburg
4 cans, 640 lbs, J E Mandlik, Hamburg, Hamburg
IRON ORE—40 tons, 18 cwts, Lever Bros, Cold Harbor, Liverpool
22,400 tons, Bethlehem Steel Co, Svealand, Cruz Grande
195 dms, 15 tons, 2 qtrs, 24 lbs, Reichard-Coulston, Laconia, Liverpool

IRON ORE—90 bgs, 2 tons, 1 cwt., 3 qtrs, 4 lbs, Reichard-Coulston, Laconia, Liverpool
4 cks, 1 ton, 1 cwt, 2 qtrs, 24 lbs, Reichard-Coulston, Laconia, Liverpool
OXIDE—22 cks, 6 tons, 16 cwts, 2 qtrs, J A McNulty, American Importer, Manchester
31 kgs, 1 ck, 2 tons, 7 cwts, 3 qtrs, 23 lbs, J H Rhodes & Co, Laconia, Liverpool
5 cks, 1 ton, 7 cwts, 2 qtrs, 18 lbs, Stanley-Doggett, Laconia, Liverpool
KOLA NUTS—7 bgs, Peek & Velsor, Haiti, Kingston
60 bgs, D Steengrafe, Haiti, Kingston
37 bgs, Ulua, Kingston
LAVENDIN—1 dm, Yardley & Co. American Farmer, London
LEMON PEEL—60 bls, 6,000 lbs, J L Hopkins & Co, Exermont, Catania
LIME JUICE—12 cks, 716 gls, Smith Crude Drug & Spice Co, Seavictory, Roseau
2 punc, 232 gls, Seavictory, Roseau
LINALYL ACETATE — 12 dms, Magnus, Mabee & Raynard, Nagara, Kobe
MACE—6 cs, J Clark & Co, Nidareid, Grenada
33 cs, Chemical Bank Trust Co, Greystoke Castle, Macassar
4 cs, Nerissa, Grenada
15 cs, Chemical Bank Trust Co, President Garfield, Singapore
MAGNESIA, CALCINED—40 cs, Schofield, Donald Co, American Importer, Liverpool
50 bgs, General Electric Co, Hoegh Transporter, Dubrovni
CARBONATE—18 cs, 50 cks, Schofield, Donald Co, American Importer, Liverpool
MANGANESE—15 cs, American Express Co, American Farmer, London
MANGANESITE PUTTY — 50 cs, Williams, Wells & Co, Hamburg, Hamburg
MANGROVE BARK EXTRACT—3,197 bgs, Philippine Cutch Corp, President Garfield, Manila
MATCHES, SAFETY—1,200 cs, Grand Gas Light, Inc, Awobasan, Kobe
MEDICINAL PREPS—5 cs, J Personeni, President Garfield, Genoa
MENTHOL—40 cs, Bridges, Neumer & Co, Wales, Otaru
25 cs, Norda Essential Oil Chem Co, Wales, Otaru
5 cs, Norda, Ltd, Wales, Otaru
25 cs, C L Huisking & Co, Nagara, Kobe
MICA—203 cs, City of Glasgow, Calcutta
5 cs, American Farmer, London
9 cs, American Mica Works, Southern Cross, Rio Janeiro
BLOCK—208 cs, Tampa, Calcutta
61 cs, City of Glasgow, Calcutta
CONDENSOR—12 cs, City of Glasgow, Calcutta
DISCS—1 cs, Tampa, Calcutta
1 cs, City of Glasgow, Calcutta
FILM—16 cs, Tampa, Calcutta
32 cs, City of Glasgow, Calcutta
MILK POWD—150 bbls, 364 bgs, Boschdijk, Rotterdam
MOLASSES—110,000 gls, Punto Alegee Sugar Corp, Dixiano, Manzanillo
784,154 gls, National City Bank, Dixiano, Medea Luna
211,680 gls, Molasses Prod Corp, Dixiano, Medea Luna
1,302 tons, Tankers Corp, Athelduchess, Hull
3,227 tons, Tankers Corp, Athelduchess, Inningham
7,958 tons, Tankers Corp, Athelduchess, Danzig
343,000 kilos, W R Grace & Co, Santa Clara, Supe
80,137 gls, National Sugar Refg Co, Seatrain New, York, Havana
NAPHTHALENE—700 bgs, Calco Chem Co, Exarch, Lourenco
NUTMEGS—100 bgs, Royal Bank of Canada, Nidareid, Grenada
650 bgs, Nidareid, Grenada
150 bgs, Royal Bank of Canada, Nerissa, Grenada
75 bgs, Nerissa, Grenada
16 bgs, Exarch, Trinidad
200 bgs, Royal Bank of Canada, Seavictory, Grenada
NUX VOMICA—200 bgs, 15 tons, City of Glasgow, Madras
OCHER—70 bbls, 46,200 lbs, Smith Color & Chem Co, Nordhavet, Alicante
25 cks, Wishnick Tumpeer, President Garfield, Marseilles
65 cks, C K Williams & Co, President Garfield, Marseilles
OIL—5 cs, Hamburg, Hamburg
7 cs, Bergensfjord, Bergen
ALMOND—2 cs, W J Bush & Co, President Garfield, Marseilles
ANISE—10 dms, Fritzsche Bros, Nagara, Hongkong
10 dms, Ungerer & Co, Nagara, Hongkong
10 dms, Magnus, Mabee & Reynard, Nagara, Hongkong
5 dms, Dodge & Olcott Co, Nagara, Hongkong
BAY—10 cs, Nerissa, Dominica
15 cs, 570 lbs, Seavictory, Roseau
BERGAMOT—25 ¼ cs, Lo Curto & Funk, Exermont, Messina
CAMPHOR—25 dms, National City Bank, Kwanto, Yokohama
10 dms, Continental Bank Trust Co, Kwanto, Yokohama
25 dms, Nagara, Yokohama
OIL, CASSIA—5 dms, W J Bush & Co, Nagara, Hongkong
CHINAWOOD—133 dms, Murray Oil Prod Co, Nakara, Hongkong
133 dms, L N Jackson & Son, Nagara, Hongkong
596 tons, Spencer Kellogg & Sons, Nagara, Hankow
CINNAMON LEAF—4 dms, I Harrison & Whitney, President Garfield, Colombo
3 dms, New York Trust Co, President Garfield, Colombo
CITRONELLA—12 dms, Barclay Bank, Greystoke Castle, Batavia
10 dms, Brown Bros-Harriman Co, City of Glasgow, Colombo
COCONUT—206 tons, Theo H Davies & Co, Maylayan Prince, Manila
6 cs, I L Toledano Corp, Ulua, Kingston
COD—100 dms, 44,000 lbs, National Oil Prod Co, Hamburg, Hamburg
300 cks, Bergensfjord, Bergen
52 cks, F W Damon, Fort Townshend, St Johns
30 cks, Hammond & Carpenter, Fort Townshend, St Johns
CODLIVER—200 dms, Consumers Import Co, Wales, Yokohama
25 dms, Kachurin Drug Co, Bergensfjord, Oslo
200 dms, Gunning & Gunning, Bergensfjord, Bergen
50 dms, P R Dreyer, Bergensfjord, Bergen
25 dms, Davis & Lawrence, Bergensfjord, Bergen
700 dms, McKesson & Robbins, Bergensfjord, Bergen
20 dms, Bergensfjord, Bergen
CORIANDER—2 cs, American Farmer, London
CORN—457 dms, 220,587 lbs, Corn Product Refg Co, Hamburg, Hamburg
90 dms, 114 bbls, American Farmer, London
COTTONSEED — 1,206,800 kilos, Southern Cross, Santos
CRUDE—4 bbls, Amtorg Trading Corp, American Farmer, London
DILLSEED—4 cans, 501 lbs, Hamburg, Hamburg
ESSENTIAL—20 cs, Boschdijk, Rotterdam
8 dms, Santa Rosa, San Juan
3 cs, American Farmer, London
6 cs, American Farmer, Havre
39 cs, Champlain, Havre
4 pkgs, President Garfield, Marseilles
FISH—48 dms, J Emy, Nagara, Yokohama
FUEL—93,000 bbls, Standard Oil Co of N J, Pan Bolivar, Aruba
70,000 bbls, Mexican Petroleum Corp, San Arcadio, Tampico
81,000 bbls, Standard Oil Co of N J, Thalia, Aruba
99,000 bbls, Standard Oil Co of N J, W G Warden, Aruba
GAS—1,500 bbls, Standard Oil Co of N J, Thalia, Aruba
GREASE—56 bbls, Robinson, Wagner Co, Wales, Kobe
HALIBUT LIVER—2 cs, Bergensfjord, Oslo
LAVENDER—16 dms, Yardley & Co, American Farmer, London
LEMON—170 half cs, Dodge & Olcott Co, Exermont, Messina
130 qtr cs, Geo Lueders & Co, Exermont, Messina
25 qtr cs, Ungerer & Co, Exermont, Messina
100 qtr cs, Lo Curto & Funk, Exermont, Messina
LIME—3 cs, Nidareid, Dominica
6 cs, Nerissa, Dominica
4 cs, Merritt & Critchlay, Nerissa, Antigua
10 cs, Wells Fargo & Co, Santa Rosa, Mazatlan
LINSEED—1,800 dms, 838,906 lbs, Hamburg, Hamburg
MINERAL—4 dms, Boschdijk, Rotterdam
200 dms, 91,306 lbs, Hamburg, Hamburg
OLIVE—360 cs, Nordhavet, Genoa
825 cs, Nordhavet, Leghorn
266 dms, H J Heinz & Co, Nordhavet, Seville
55 dms, Central Hanover Bank Trust Co, Nordhavet, Seville
100 dms, Banca Coml Italian Trust Co, Nordhavet, Seville
125 dms, 560 cs, Nordhavet, Seville
125 dms, Leghorn Trading Co, Nordhavet, Seville
191 cs, Exermont, Catania
70 cs, President Garfield, Mitylene
1,630 cs, 20 dms, President Garfield, Genoa
180 cs, President Garfield, Marseilles
ORANGE—4 dms, W, J Bush & Co, American Farmer, London
10 cs, Magnus, Mabee & Raynard, Ulua, Kingston
PALM—60 cks, Boschdijk, Rotterdam
Quantity, Banque pour l'Etranger, Greystroke Castle, Marseilles
PEANUT—814 tons, Canada Packers, Ltd, Wales, Tsingtao
PERILLA—545 tons, National City Bank, Kwanto, Dairen
RAPESEED—2 dms, Kwanto, Shanghai
200 dms, Mitsui & Co, Awobasan, Kobe
SESAME—40 dms, I R Boody & Co, Boschdijk, Rotterdam
SOYBEAN—25 dms, Holland American Line, Boschdijk, Rotterdam
SUNFLOWERSEED—525 dms, Boschdijk, Rotterdam
25 dms, Welch, Holme & Clark, Boschdijk, Rotterdam
150 dms, Balfour, Guthrie & Co, Black Condor, Rotterdam
107,200 kilos, Corn Exchange Bank Trust Co, Black Condor, Rotterdam
106,500 kilos, I R Boody & Co, Black Condor, Rotterdam
300 dms, Black Condor, Rotterdam
TEASEED—100 dms, E M Sergeant Pulp & Chem Co, Kwanto, Shanghai
VEGETABLE—650 dms, Balfour, Guthrie & Co, Scanstates, Copenhagen
OPIUM—49 cs, New York Quinine & Chem Works, Queen Mary, Southampton
PAPAIN—22 cs, Tampa, Colombo
2 cs, President Garfield, Bangkok
PAPRIKA—150 bgs, J H Forbes Tea Coffee Co, Nordhavet, Alicante
50 bgs, Levy & Levis Co, Nordhavet, Alicante
50 bgs, Nordhavet, Alicante
106 cs, Villar & Osorio, Nordhavet, Seville
18 cs, J Victori & Co, Nordhavet, Seville
PATCHOULI LEAVES—39 bls, Greystoke Castle, Penang
116 bls, Maylayan Prince, Penang
PEAT DUST—280 bls, New Amsterdam Mfg & Supply Co, Cold Harbor, Glasgow
MOSS—2,100 bls, Boschdijk, Rotterdam
800 bls, Hamburg, Hamburg
1,400 bls, Premier Peatmoss Corp, Minnequa, Copenhagen
616 bls, Premier Peatmoss Corp, Bergensfjord, Malmo
1,819 bls, Premier Peatmoss Corp, Scanstates, Copenhagen
PEPPER, BLACK—240 bgs, Commodities Trading Corp, President Garfield, Cochin
RED—50 bgs, 5,720 lbs, Van Loan & Co, Hamburg, Hamburg
WHITE—251 bgs, Greystoke Castle, Muntok
85 bgs, Catz American Co, Greystoke Castle, Kota Baroe
PETROLEUM, CRUDE—13,260 tons, Standard Oil Co of N J, Christian Holm, Caripito
19,134 bbls, Gulf Oil Corp, Toas, Las Piedras
11,114,000 kilos, Standard Oil Co of N J, Niobe, Caripito
PHENOL—1 cs, Monsanto Chem Co, American Importer, Liverpool
PIMENTO—100 bgs, Nova Scotia Bank, Haiti, Kingston
90 bgs, A G Dunn, Ulua, Kingston
100 bgs, Ulua, Kingston
PINENEEDLE EXTRACT—2 bbls, D C Andrews & Co, Hamburg, Hamburg
PLASTER—2,200 tons, Newark Plaster Co, Solhavn, Hillsboro
POTASH—7 kgs, 849 lbs, Hamburg, Hamburg
CARBONATE—20 cks, 23,399 lbs, Innis, Speiden & Co, Hamburg, Hamburg
CHLORATE—250 cks, 61,765 lbs, Uniform Chem Product Co, Erik Boye, Hamburg
1,450 dms, 344,520 lbs, Uniform Chem Product Co, Erik Boye, Hamburg
HYDROSULPHITE—35 dms, 8,316 lbs, Hamburg, Hamburg
METABISULPHATE — 100 kgs, Hamburg, Hamburg
PRUSSIATE—100 bbls, 12,337 lbs, American Cyanamid & Chem Co, Hamburg, Hamburg
SALT—20 cks, P H Petry & Co, American Farmer, London
SULPHATE—30 bbls, Hamburg, Hamburg
SULPHOCYANIDE—20 kgs, Pfaltz & Bauer, Laconia, Liverpool
QUEBRACHO EXTRACT—2,383 bgs, International Product Corp, Southern Cross, Buenos Aires
535 bgs, Tannin Corp, Southern Cross, Buenos Aires
QUICKSILVER—96 flasks, Chase Natl Bank, Canto, Tampico
60 flasks, Chase Natl Bank, Orizaba, Vera Cruz
QUINCE SEED—21 bgs, E Meer & Co, President Garfield, Busrah
RAPESEED—100 bgs, G T German, Boschdijk, Rotterdam
625 bgs, Hamburg, Bremen
250 bgs, A G Dunn, Wales, Otaru
350 bgs, Catz American Co, Black Condor, Rotterdam
RESIN, GUTTA PERCHA—10 dms, Corn Products Co, American Farmer, London
ROOT, MEDICINAL—13 bls, 1,777 lbs, S B Penick & Co, Hamburg, Hamburg
ROSE PETALS—8 bls, F W Mead & Co, American Farmer, London
SAFFRON, AMERICAN—65 bgs, President Garfield, Alexandria
FLOWERS—1 cs, Gillett Saffron Co, Nordhavet, Valencia
1 cs, Nordhavet, Valencia
SAFROL—5 dms, Magnus, Mabee & Raynard, Nagara, Kobe
SAGO FLOUR—370 bgs, Chase Natl Bank, Greystoke Castle, Singapore
952 bgs, Greystoke Castle, Singapore
SALT—24 bbls, Charles Happel, Hamburg, Hamburg
SANDALWOOD—957 bgs, 51 tons, 2 cwt, 2 qtrs, 1 lb, W J Bush & Co, Laconia, Liverpool
SARSAPARILLA ROOT—15 bls, J L Hopkins & Co, Cauto, Tampico
15 bls, Cauto, Tampico
SAWDUST—754 bgs, State Chem Co, Boschdijk, Rotterdam
1,200 bgs, Burnet Co, Scanstates, Kotka
SENNA LEAVES—81 bls, City of Glasgow, Colombo
50 bls, President Garfield, Tuticorin
PODS—5 cs, J L Hopkins & Co, American Farmer, London
SESAME SEED—120 bgs, First Natl Bank, of Boston, Kwanto, Shanghai
300 bgs, New York Trust Co, Kwanto, Hankow
180 bgs, Kwanto, Shanghai
SHELLAC—100 bgs, Argenti & Co, Tampa, Calcutta
50 bgs, 5 cs, A Hurst & Co, Hamburg, Hamburg
50 bgs, A Hurst & Co, City of Glasgow, Calcutta
5 bgs, Wm Zinsser & Co, City of Glasgow, Calcutta
50 cs, Argenti & Co, City of Glasgow, Calcutta
10 kegs, American Farmer, London
1,350 bgs, E E Androvette, City of Glasgow, Calcutta
475 bgs, E J Cornelis, City of Glasgow, Calcutta
500 bgs, Mac Lac Co, City of Glasgow, Calcutta
150 bgs, Schwab Bros, City of Glasgow, Calcutta
SEEDLAC—100 bgs, Guaranty Trust Co, Tampa, Calcutta
200 bgs, Montrose Co, Tampa, Calcutta
200 bgs, Wm Zinsser & Co, City of Glasgow, Calcutta
1,100 bgs, Argenti & Co, City of Glasgow, Calcutta
100 bgs, A Helmrath, City of Glasgow, Calcutta
100 bgs, E E Androvette, City of Glasgow, Calcutta
325 bgs, Alfred Kramer & Co, City of Glasgow, Calcutta
800 bgs, E J Cornelis, City of Glasgow, Calcutta
1,615 bgs, Mac Lac Co, City of Glasgow, Calcutta
400 bgs, City of Glasgow, Calcutta
SIENNA—50 cks, 27,491 lbs, Reichard-Coulston, Nordhavet, Leghorn
550 bgs, 121,000 lbs, J Lee Smith & Co, Exermont, Leghorn
10 bbls, 6,611 lbs, C B Chrystal & Co, Exermont, Leghorn
SILICON CARBIDE—710 bgs, 16 cks, D C Andrews & Co, Bergensfjord, Eydehavn
SOAP—30 cs, R J Saunders & Co, American Farmer, London
35 cs, 23 pkgs, Lekas & Drivas, President Garfield, Mitylene
CLEANING—10 dms, Innis Speiden & Co, American Farmer, London
MILLINGS—45 cs, Yardley & Co, American Farmer, London
SADDLE—80 cs, Salomon & Philipps, American Farmer, London
TOILET—10 cs, Laconia, Liverpool
SODA, CYANIDE—1,000 dms, American Cyanamid & Chem Co, Boschdijk, Rotterdam
500 dms, National City Bank, Wales, Yokohama
1 cs, Canada Color & Chem Co, Wales, Yokohama
500 dms, 61,424 lbs, American Cyanamid & Chem Co, Black Condor, Rotterdam
PRUSSIATE—203 cs, H H Rosenthal & Co, Kwanto, Osaka
SPONGES—39 bls, American Sponge & Chamois Co, Orizaba, Havana
12 bls, Orozaba, Havana
12 bls, Mantos Bros, Orizaba, Havana
8 bls, Santa Rosa, Havana
WASTE—15 bls, Johns Manville Co, Cristobol Colon, Havana
SQUILL—40 bgs, 4,400 lbs, J L Hopkins & Co, Exermont, Catania
28 bgs, 3,080 lbs, Exermont, Catania
STARCH, POTATO—50 bgs, 11,000 lbs, Rohner, Gehrig & Co, Black Condor, Rotterdam
RICE—20 dms, C B Chrystal & Co, Boschdijk, Rotterdam
STEARIN, CODLIVER—1 ck, Bergensfjord, Bergen
TALC—1,300 bgs, Charles Mathieu, Nordhavet, Genoa
100 bgs, L A Solomon & Bros, Nordhavet, Genoa
200 bgs, H H Rosenthal & Co, Wales, Kobe
150 bgs, Bergensfjord, Bergen
TALLOW—135 dms, Cold Harbor, Liverpool
842 cks, Augvold, Buenos Aires
249 dms, Snow Cleaver & Co, American Importer, Liverpool
135 dms, Laconia, Liverpool
60 bbls, 683 dms, 138 cks, 491 pkgs, American Farmer, London
TAMARINDS—25 bbls, Murbus Trading Co, Nidareid, St Lucia
110 cks, City of Glasgow, Calcutta
TANKAGES—98 bgs, Wilson & Co, Augvald, Santos
300 bgs, Southern Cross, Buenos Aires
TAPIOCA, FLOUR—500 bgs, Stein, Hall & Co, Greystoke Castle, Batavia
552 bgs, Bank of New York Trust Co, Greystoke Castle, Sourabaya
552 bgs, Merchants Natl Bank of Boston, Greystoke Castle, Pasoeroean
1,103 bgs, National Adhesive Corp, Greystoke Castle, Pasoeroean
551 bgs, Morningstar Nicol, Greystoke Castle, Pasoeroean
500 bgs, Stein, Hall & Co, Maylayan Prince, Batavia
802 bgs, Balfour, Guthrie & Co, Maylayan Prince, Batavia
517 bgs, Stein, Hall & Co, Maylayan Prince, Cheribon
TARTAR—142 bgs, Charles Pfizer & Co, Nordhavet, Genoa
527 bgs, Charles Pfizer & Co, Nordhavet, Leghorn
464 bgs, Hoegh Transporter, Naples
676 bgs, Charles Pfizer & Co, Exermont, Messina
TEMPERING COMPOUND—10 dms, 2,373 lbs, Hamburg, Hamburg
THYME LEAVES—65 bgs, President Garfield, Marseilles
TONKA BEANS—300 cks, Nidareid, Trinidad
150 cks, Nerissa, Trinidad
6 cks, Southern Cross, Trinidad
TUBA ROOT—20 bls, Greystoke Castle, Singapore
20 bls, City of Garfield, Singapore
TUNGSTEN ORE—1,000 bgs, Wah Chang Trading Corp, Nagara, Hongkong
TUMERIC—40 bgs, 3 tons, 3 cwts, 2 qtrs, 8 lbs, City of Glasgow, Madras
80 bls, Norton Lilly & Co, City of Glasgow, Port Sudan
VALONEA—852 bgs, J A Barkey & Co, Hoegh Transporter, Trieste
VANILLA BEANS—1 cs, Hothouse Prod Corp, Nerissa, St Lucia
20 cs, Thurston & Braidich, Orizaba, Vera Cruz
5 cs, Guaranty Trust Co, Champlain, Havre
50 cs, Guaranty Trust Co, President Garfield, Marseilles
19 cs, President Garfield, Marseilles
VARNISH—1 cs, Masqueta & Lang, Champlain, Havre
14 cs, Chromite Textile Printing Co, Champlain, Havre
WATER, MINERAL—100 cs, J Personeni, Nordhavet, Genoa
285 cs, D F Young, American Farmer, London
WAX, BEES—13 bgs, Schutte & Focke, Coamo, Santo Domingo
6 bgs, Cauto, Tampico
2 bgs, J L Hatchman & Co, Haiti, Cape Haitien
34 bgs, Schutte & Focke, San Juan, Azua
5 bgs, Lenape Trading Co, San Juan, Azua
32 bgs, Mecke & Co, San Juan, Azua
19 bgs, Schutte & Focke, San Juan, Barahona
20 bgs, Orizaba, Havana
55 blocks, Exermont, Lisbon
100 bgs, Lenape Trading Co, Alegrete, Rio de Janeiro
301 bgs, Strohmeyer & Arpe Co, Alegrete, Rio de Janeiro
94 bgs, Alegrete, Rio de Janeiro
CANDELILLA—93 bgs, Cauto, Tampico
MONTAN—573 bgs, 80,102 lbs, Strohmeyer & Arpe Co, Hamburg, Hamburg
SPERMACETTI—50 cs, Transylvania, Glasgow
VEGETABLE—22 bgs, 4,980 lbs, A Hurst & Co, Hamburg, Hamburg
50 bgs, A Hurst & Co, Transylvania, Glasgow
200 cs, Mitsui & Co, Awobasan, Kobe
200 cs, Strohmeyer & Arpe Co, Awobasan, Kobe
30 bgs, A Hurst & Co, American Farmer, London
WOODFLOUR — 3,700 bgs, E L Soberski, Bergensfjord, Frstad
1,500 bgs, Burnett Co, Bergensfjord, Frstad
YEAST—147 kegs, 18,594 lbs, Hamburg, Hamburg
280 bbls, Vulcan Yeast Co, Hamburg, Hamburg
1 cs, A Gusmer, Hamburg, Hamburg
20 bgs, Lo Curto & Funk, Hamburg, Bremen
ZINC OXIDE—20 bbls, American Cyanamid & Chem Co, President Garfield, Marseilles
SULPHATE—20 cks, 11,968 lbs, Hamburg, Hamburg

New York Transit Imports

AGAR AGAR—25 bls, McKesson & Robbins, Kwanto, Kobe, Bridgeport
BLANC FIXE—45 cks, Boschdijk, Rotterdam, Rochester
CUDBEAR—1 ck, National Carloading Co, Laconia, Liverpool, Indianapolis
GLUESTOCK—517 bgs, Eastman Kodak Co, Laconia, Liverpool, Rochester
GUM—50 bgs, Murray & McKells Mfg Co, City of Glasgow, Aden, Chicago
OIL, CODLIVER—Bergensfjord, Bergen, Chicago
PERILLA—520 dms, National City Bank, Kwanto, Dairen, Cleveland
550 tons, National City Bank, Kwanto, Dairen, Cleveland
RAPESEED—150 bgs, Albert Dickinson Seed Co, Black Condor, Rotterdam, Chicago
SPONGES—7 bls, Oriente, Havana, Hamburg
29 bls, Santa Rosa, Havana, London
16 bls, Santa Rosa, Havana, Hamburg
24 bls, Santa Rosa, Havana, Havre
REFUSE—14 bls, Santa Rosa, Havana, London
WAX, BEES—35 bgs, MacMuller Candle Co, President Garfield, Alexandria, Syracuse

Baltimore Imports

ALUMINUM POWDER—1 cs, 4 dms, Trans Seas Shipping Co, City of Norfolk, Hamburg
7 cs, Oroline Product Co, City of Havre, Hamburg

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BRONZE POWDER—8 cs, Trans Seas Shipping Co, City of Norfolk, Hamburg
CHEMICALS—200 bgs, 20 cks, City of Norfolk, Hamburg
CHROME ORE—1,500 tons, W R Grace & Co, Sliverash, Mormugao
COPRA—1,700 tons, Procter & Gamble Co, Chastine Maersk, Cebu
500 tons, Procter & Gamble Co, Chastine Maersk, Bulan
300 tons, Procter & Gamble, Steel Navigator, Iloilo
700 tons, Procter & Gamble Co, Steel Navigator, Cagayan
FLUORSPAR MEAL—500 bgs, W H Muller & Co, City of Norfolk, Bremen
IRON ORE—11,000 tons, Bethlehem Steel Co, Firmore, Daiquiri
100 bgs, E M & F Waldo, City of Norfolk, Bremen
21,800 tons, Bethlehem Steel Co, Steelore, Cruz Grande
7,549 tons, Bockenheim, Lulea
SAND—600 bgs, Artigas, Middlesbro
OXIDE—15 bbls, E M & F Waldo, Exchange, Malaga
MONAZITE—8,720 bgs, City of Johannesburg, Colachel
MYROBALANS—800 bgs, Silverash, Bombay
OIL, TEASEED—100 dms, Skagerak, Shanghai
PEATMOSS—2,380 bls, City of Norfolk, Bremen
400 bls, City of Norfolk, Hamburg
PYRITES IRON—8,562 tons, Ravnaas, Huelva
QUEBRACHO EXTRACT—17,593 bgs, Tanning Corp, West Imboden, Buenos Aires
2,414 bgs, West Imboden, Buenos Aires
23,217 bgs, International Products Co, West Imboden, Buenos Aires
SAND ILMENITE—569 tons, City of Johannesburg, Colachel
TANKAGE—1,815 bgs, West Imboden, Montevideo

Boston Imports

ACID, CRESYLIC—65 dms, 14 tons, 10 cwt, 1 qtr, 11 lbs, Cold Harbor, Liverpool
LINSEED OIL—40 dms, Halfmoon Manufacturing & Trading Co, Boschdijk, Rotterdam
ALBUMEN, EGG—112 cs, Bank of New York & Trust Co, President Taft, Tientsin
84 cs, Central Hanover Bank & Trust Co, President Taft, Kobe
ARGOLS—45 double bgs, Hoegh Transporter, Naples
CAMPHOR—342 cs, Frankfurt, Hamburg
CASEIN—834 bgs, 110,325 lbs, American British Chemical Supplies, Algic, Buenos Aires
CHEMICALS—10 dms, 84 carboys, 220 bgs, Boschdijk, Rotterdam
100 bgs, Royal Bank of Canada, Frankfurt, Hamburg
1 ck, 40 bbls, 254 bgs, Frankfurt, Bremen
COCOA BEANS—500 bgs, 66,138 lbs, Bankers Trust Co, Algic, Bahia
2,000 bgs, 265,552 lbs, Scarburgh & Co, Algic, Bahia
COLOR, DRY—1 cs, American Express Co, Laconia, Liverpool
EMERY POWDER—1 cs, Nicholson & Co, Cold Harbor, Liverpool
FISH LIVERS—1 cs, 1 bx, J A Rich, Evangeline, Yarmouth
4 bxs, from Nova Scotia
4 cs, John Nagle, Evangeline, Yarmouth
GLUESTOCK, FISH SCRAP—10 bbls, John Nagle, Evangeline, Yarmouth
HIDE CUTTINGS—220 bgs, 15 tons, 5 cwt, 3 qtrs, 26 lbs, Laconia, Liverpool
GREASE, WOOL—600 dms, 125 tons, 12 cwt, 2 qtrs, 7 lbs, First National Bank, Cold Harbor, Liverpool
50 bbls, 10 tons, 11 cwt, 25 lbs, Cold Harbor, Liverpool
2 dms, M H Garvey & Co, American Importer, Manchester
60 bbls, 13 tons, 11 cwt, 1 qtr, 23 lbs, Laconia, Liverpool
GUM, INDUSTRIAL—25 cks, 6 tons, 1 cwt, 3 qtrs, J P Marston Co, Laconia, Liverpool
GYPSUM, CRUDE—5,350 tons, U S Gypsum Co, Gypsum Queen, Windsor
INSECTICIDE, NICOTINE—1 cs, Davies Turner & Co, American Farmer, London
LIME JUICE—60 cks, American Express Co, American Farmer, London
MEDICINAL PREPS—19 cs, Quong Wo Lung, President Taft, Hongkong
MICA SPLITTINGS—250 cs, City of Glasgow, Calcutta
125 cs, Wallace Bros, Co, City of Glasgow, Calcutta
MILK POWDER—440 bgs, Boschdijk, Rotterdam
OIL, ALMOND — 15 dms, American Farmer, London
COD—18 bbls, Marden Wild Corp, Evangeline, Yarmouth
CODLIVER—110 dms, Frankfurt, Hamburg
FUEL—1 dm, American Express Co, American Farmer, London
LINSEED—2 kegs, American Express Company, Laconia, Liverpool
OLIVE—200 cs, Frankfurt, Hamburg
PRESS—31 bbls, 6 tons, 12 cwt, 22 lbs, Murphy, Littlejohn Oil Co, Cold Harbor, Liverpool
OLEIN—15 bbls, 3 tons, 2 cwt, 1 qtr, 19 lbs, Cold Harbor, Liverpool
PEATMOSS—1,100 bls, Frankfurt, Bremen
PERFUME—1 cs, Quong Wo Lung, President Taft, Hongkong
PETROLEUM, CRUDE—70,932 bbls, 2,979,144 gls, Colonial Beacon Oil Co, Ima, Guiria
POTASH, CHLORATE—700 cks, Uniform Chemical Products, Inc, Frankfurt, Hamburg
QUEBRACHO EXTRACT—7,996 bgs, 853,539 lbs, Tannin Corp, Algic, Buenos Aires
590 bgs, 64,861 lbs, International Products Corp, Algic, Buenos Aires
5,532 bgs, 605,084 lbs, American Tanners, Ltd, Algic, Buenos Aires
SESAME SEEDS—8 bdls, Quong Wo Lung, President Taft, Hongkong
SHELLAC—20 cs, J Henry Schroeder Banking Co, Boschdijk, Rotterdam
5 bgs, Grace National Bank, City of Glasgow, Calcutta
25 cs, Guaranty Trust Co, City of Glasgow, Calcutta
25 bgs, American Farmer, London
SEEDLAC—100 bgs, First National Bank, City of Glasgow, Calcutta
SOAP, TOILET—30 cs, S S Pierce Co, American Farmer, London
SODA, COMPOUND—8 cks, Cold Harbor, Liverpool
STARCH, POTATO—250 bgs, Boschdijk, Rotterdam
500 bgs, Guaranty Trust Co, Boschdijk, Rotterdam
2 bgs, Cold Harbor, Liverpool
YEAST—1 pkg, Wagner Fagan Yeast Co, Evangeline, Yarmouth

Los Angeles Imports

AGAR AGAR—1,590 lbs, Tatsuta, Kobe
CAMPHOR, REFINED—100 lbs, Awobasan, Yokohama
CARAWAY SEED—8,200 lbs, Drechtdyk, Rotterdam
5,500 lbs, From Haarlem
CHEMICAL COMPOUND—120 lbs, Awobasan, Kobe
60 lbs, Awobasan, Yokohama
COALTAR PROD—30 lbs, Awobasan, Yokohama
COPRA—224,000 lbs, Seattle, Cebu
MEAL—1,051,500 lbs, Silverbelle, Manila
EGG YOLK—27,400 lbs, Kwanto, Tientsin
GINGER ROOT—300 lbs, Awobasan, Yokohama
GLASS SHEET—1,630 lbs, Pacific Exporter, Birmingham
WINDOW—35 cs, 12,580 lbs, Canada, Prague
15 cs, 2,280 lbs, Seattle, Dresden
GUM, COPAL—11,490 lbs, Silverbelle, Macassar
LICORICE—90 lbs, Drechtdyk, Rotterdam
780 lbs, Seattle, Gothenburg
LIME—30,400 lbs, Rosebank, Canada
MEDICINAL PREPS—1,000 lbs, Awobasan, Yokohama
130 lbs, Awobasan, Kobe
MUSTARD SEED—11,050 lbs, Canada, Copenhagen
NUTMEG—4,500 lbs, Hopecrest, Padang
OIL, COTTONSEED—327,110 lbs, Tai Ping Yang, Japan
CREOSOTE—2,833,000 lbs, Gustaf E Reuter, London
HAIR—2,170 lbs, Awobasan, Yokohama
OLIVE—10,860 lbs, President Johnson, Genoa
PERILLA—626,400 lbs, Nagara, Darien
RAPESEED—1,130 lbs, President Hoover, Tientsin
40,000 lbs, Tai Ping Yang, Kobe
PAPRIKA—23,650 lbs, Drechtdyk, Valencia
PEATMOSS—55,070 lbs, Canada, Gotsburg
349,440 lbs, Seattle, Bremen
PEPPER, WHITE—1,100 lbs, Drechtdyk, Rotterdam
PERFUMERY—20 lbs, Drechtdyk, Rotterdam
50 lbs, From London
QUEBRACHO EXTRACT—31,530 lbs, Hollywood, Buenos Aires
RICE FLOUR—150 lbs, Awobasan, Yokohama
SALTPETER—11,020 lbs, Seattle, Hamburg
SARDINE MEAL—112,000 lbs, Tai Ping Yang, Kobe
SESAME SEED—50 lbs, Awobasan, Yokohama
20,000 lbs, Tatsuta, Shanghai
440 lbs, Awobasan, Kobe
SHELLAC—32,800 lbs, Silverbelle, Calcutta
SOAP POWDER—140 lbs, Awobasan, Yokohama
TOILET—30 lbs, Awobasan, Yokohama
SOYBEAN FLOUR—500 lbs, Awobasan, Yokohama
STARCH, POTATO—150 lbs, Awobasan, Yokohama
980 lbs, Awobasan, Kobe
TAPIOCA FLOUR—11,200 lbs, Silverbelle, Sourabaya
67,980 lbs, Silverbelle, Batavia
TOILET WATER—40 lbs, Awobasan, Yokohama
WAX, PETROLEUM, REFD—67,450 lbs, Somerville, Batavia

New Orleans Imports

BAUXITE ORE—3,300 tons, Republic Mining & Manufacturing Co, Skogheim, Paramaribo
CHEMICALS—30 dms, Advance Solvents & Chemical Corp, Tampa, Norrsundet
84 cks, P Bauer Co, Cranford, Rotterdam
94 bbls, Goldschmidt Corp, Cranford, Rotterdam
COCONUTS—100 sks, Whitney Bank, Metapan, Cristobal
DIP, SHEEP—400 cs, W Cooper, Cranford, Rotterdam
MUSTARD, DROSS—360 sks, Atlantic Sales Corp, Cranford, Rotterdam
OCHER—4 bbls, Recca, Marseilles
OIL, FUEL—2,533,244 gls, Standard Oil Co, Geo W Barnes, Puerto Mexico
OLIVE—355 cs, Recca, Genoa
50 cs, Recca, Marseilles
25 cs, Recca, Barcelona
SUNFLOWER SEED—250 dms, Cranford, Rotterdam
100 dms, Hibernia National Bank, Cranford, Rotterdam
PAINT, PREPARED—32 cs, Metapan, Cristobal
PAPRIKA—150 sks, D Evans, Recca, Alicante
PEATMOSS—500 bls, Premier Peat Moss Corp, West Hobomac, Hamburg
1,000 bls, West Hobomac, Hamburg
PETROLEUM, CRUDE—70,800 bbls, Shell Petroleum Corp, Hopemount, Tampico
POTASH MURIATE—907,500 kilos, N V Potash, West Hobomac, Hamburg
SULPHATE—10 bbls, N V Potash, West Hobomac, Hamburg
SOAP—25 cs, Recca, Marseilles
SODA NITRATE—100 sks, West Hobomac, Hamburg

Norfolk Imports

ALUMINUM SILICATE ORE—200 tons, 16 cwt, Matra, Calcutta
BLOOD, DRIED—1,310 bgs, 144,653 lbs, Contentura Guano Co, Wilson, N C, West Imboden, Buenos Aires
1,931 bgs, 245,902 lbs, West Imboden, Buenos Aires
BONES—1,328 bgs, 111,248 lbs, West Imboden, Buenos Aires
CRACKLINGS—2,006 bgs, 224,023 lbs, H J Baker & Bros, West Imboden, Buenos Aires
FERTILIZER—1,621 bgs, Aracaju, Santos
3,660 bgs, City of Norfolk, Hamburg
LIVERMEAL—205 bgs, 22,377 lbs, West Imboden, Buenos Aire
MICA SCRAP—934 bgs, Matra, Calcutta
WASTE—1,794 bgs, Matra, Calcutta
QUEBRACHO EXTRACT—3,500 bgs, 384,860 lbs, International Product Corp, West Imboden, Buenos Aires
1,610 bgs, 176,485 lbs, National Shawmut Bank of Boston, West Imboden, Buenos Aires
12,163 bgs, 1,303,589 lbs, Tannin Corp, West Imboden, Buenos Aires
TANKAGE—995 bgs, 109,685 lbs, West Imboden, Buenos Aires

Philadelphia Imports

ACID, CRESYLIC—49 dms, Cold Harbor, Liverpool
LINSEED OIL—150 dms, Black Osprey, Rotterdam
525 dms, Bisbee Linseed Co, Frankfurt, Hamburg
ASBESTOS, CRUDE—22 bgs, Davies, Turner & Co, Cold Harbor, Liverpool
BARYTES—500 tons, Bank of Greece, Examiner, Milos Island
750 bgs, Frankfurt, Bremen
CALCIUM SILICIDE—118 cks, Philadelphia Natl Bank, Schodack, Havre
CASEIN—250 bgs, Coldbrook, Buenos Aires
CASSIA—83 bls, Brown Bros-Harriman & Co, Kota Tjandi, Batavia
VERA—333 pkgs, Jacobus F Frank, Lossiebank, Batavia
CHALK, CRUDE—500,000 kilos, Taintor Trading Co, Schodack, Havre
CHEMICALS—100 bgs, John A Steer & Co, Black Osprey, Rotterdam
600 cs, 750 dms, J W Hampton, Jr & Co, Black Osprey, Rotterdam
1 cs, Rohm & Haas, Black Osprey, Rotterdam
101 dms, Royal Bank of Canada, Black Osprey, Rotterdam
50 bgs, Advance Solvents & Chem Corp, Black Osprey, Rotterdam
CHEMICALS—167 demjns, 5 cks, Black Osprey, Rotterdam
1,080 bgs, 648 pkgs, Wilmington Warehousing Co, Black Osprey, Rotterdam
27 dms, E M Sargeant, Black Osprey, Antwerp
1 ck, Royal Bank of Canada, Frankfurt, Hamburg
80 cks, Ferd A Kertess, Frankfurt, Hamburg
875 bgs, Phillip Bauer Co, Frankfurt, Hamburg
30 crbys, Advance Solvents & Chem Corp, Frankfurt, Hamburg
200 bgs, Frankfurt, Bremen
CHROME ORE—2,000 tons, E J Lavino & Co, Exarch, Beira
CLAY, BLUE—50 tons, Ross Tacony Crucible Co, Cold Harbor, Liverpool
POTTERS—2 bbls (samples), A E Douglass, Cypria, Marseilles
CLOVES—80 bgs, Kota Tjandi, Batavia
COALTAR DISTILLATE — 25 dms, Cold Harbor, Liverpool
COCOA BEANS—5,000 bgs, National City Bank, Orania, Ilheos
10,000 bgs, Orania, Ilheos
2,000 bgs, Grace Natl Bank, Orania, Ilheos
WASTE, GR'D—300 bgs, Woodward & Dickerson, Black Osprey, Rotterdam
COLUMBITE—2 bgs, Foote Mineral Co, Cold Harbor, Liverpool
CORK—1,685 tons, Anubis, Lisbon
REFUSE—3,864 bls, Armstrong Cork Co, Cypria, Seville
SQUARES—68 cs, Armstrong Cork Co, Cypria, Seville
VIRGIN—5,512 bls, Armstrong Cork Co, Exchange, Seville
WASTE—668 bls, Chase Natl Bank, Cypria, Lisbon
WOOD—290 bls, Armstrong Cork Co, Cypria, Seville
CUTTLEFISH BONES—174 cs, Cypria, Marseilles
EMERY, ARTIFICIAL—9 cks, Precision Grinding Wheel Co, Cypria, Marseilles
ETHYLENE DIBROMIDE—92 dms, Overseas Trading & Finance Corp, Frankfurt, Hamburg
FLUORSPAR—200 tons, E I DuPont de Nemours & Co, Louis Conrad, St Lawrence, N F
190,140 lbs, Standard Bank of South Africa, Ltd, Exarch, Durban
254,000 kilos, Wm H Muller & Co, Frankfurt, Bremen
GASOLINE—2 cs (samples) Atlantic Refining Co, Cypria, Lisbon
GLASS, WINDOW—13 cs, Brown Bros, Harriman & Co, Black Osprey, Antwerp
GLUE, 2 cs, Cold Harbor, Liverpool
DRY, 300 bgs, Frankfurt, Bremen
GLUESTOCK—106 bls, Chase Nat'l Bank, Cypria, Barcelona
GREASE, WOOL—50 bbls, Cold Harbor, Liverpool
GUM DAMMAR—100 cs, Chase Nat'l Bank, Kota Tjandi, Batavia
IRON OXIDE—20 casks, Joseph A McNulty, Cold Harbor, Liverpool
25 bbls, F B Vandegrift & Co, Cypria, Malaga
LAUREL LEAVES—180 bls, Examiner, Piraeus
LICORICE ROOT—12,048 bls, McAndrews & Forbes, Examiner, Izmir
MACE—16 cs, Kota Tjandi, Macassar
MAGNESITE, CALCINED—495 bgs, Examiner, Salonica
MATCHES, SAFETY—3,600 cs, Amtorg Trading Corp, Frankfurt, Hamburg
MILK POWDER—30 csks, 1,100 bgs, Black Osprey, Rotterdam
400 bgs, Balfour, Guthrie & Co, Black Osprey, Rotterdam
400 bgs, Max Landau Co, Black Osprey, Rotterdam
MINERAL WATER—80 cs, John Wagner & Sons, Black Osprey, Antwerp
MOLASSES—1,304,082 gls, Cuba Distilling Co, Cassimir, Bufadero

ATLANTIC MUTUAL INSURANCE COMPANY
Chartered 1842

Ideal
INSURANCE
has 3 requirements

These requirements are—

UNQUESTIONED STRENGTH AND SECURITY

SAVINGS THROUGH PROFIT PARTICIPATION

THE VALUE AND CONVENIENCE OF THE INSURANCE BROKER'S SERVICE

ATLANTIC was chartered in 1842, and is unquestioned as to financial strength and conservative management. It has distributed $121,000,000 in dividends to its policyholders in its 94 years.

We believe you are better served with the advice of a competent insurance broker or broker-agent. Ask your broker about Atlantic insurance. In the meantime send for a free copy of our booklet, "IS AN ATLANTIC POLICY GOOD ENOUGH FOR YOU TO HOLD?"

Atlantic Mutual
INSURANCE COMPANY
Atlantic Building: 49 Wall St., New York
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MARINE · YACHT . INLAND TRANSPORTATION
FINE ARTS AND JEWELRY INSURANCE
FIRE INSURANCE SUPPLEMENTARY TO THESE LINES

MOLASSES—1,305,000 gls, Cuba Distilling Co, Catahoula, Bufadero
NAPHTHALENE—1,000 bgs, John Titus, Sagaporack, Gdynia
300 bgs, Black Osprey, Antwerp
676 bgs, Barrett Co, Cold Harbor, Manchester
NUTMEGS—82 cs, Catz American Co, Lossiebank, Macassar
OIL, CODLIVER—272 dms, Dickmann, Wright & Pugh, Inc, Frankfurt, Hamburg
CORN, CRUDE—64,434 kilos, C F Simonins Sons, Black Osprey, Rotterdam
COTTONSEED—86,176 kilos, C F Simonins Sons, Black Osprey, Rotterdam
332 dms, Uruguayo, Santos
OLIVE—50 dms, Exchange, Seville
PALMKERNEL, CRUDE—1 lot, Capital City Products Co, Frankfurt, Hamburg
SUNFLOWER SEED—38,500 kilos, Black Osprey, Rotterdam
2 lots, Frankfurt, Hamburg
PEATMOSS—1,450 bls, Frankfurt, Bremen
531 bls, Premier Peatmoss Corp, Sagaporack, Copenhagen
618 bls, Premier Peatmoss Corp, Minnequa, Copenhagen
PEPPER, BLACK—225 bgs, Kota Tjandi, Oosthaven
100 bgs, Lossiebank, Colombo
RED—25 bgs, J K Landenslager, Frankfurt, Hamburg
WHITE—81 bgs, Catz American Co, Kota Tjandi, Batavia
70 bgs, Kota Tjandi, Singapore
PETROLEUM, CRUDE—91,587 bbls, Atlantic Refining Co, Permian, Las Piedras
PIMENTOS—450 cs, R T French Co, Cypria, Alicante
25 cs, 25 bgs, L H Parke & Co, Cypria, Alicante
PYRITES—8,955 tons, Pyrites Co, Brynymor, Huelva
POTASH, MURIATE—909,000 kilos, N V Potash Export Mij, Frankfurt, Bremen
QUEBRACHO EXTRACT—350 bgs, International Products Corp, Coldbrook, Buenos Aires
WOOD—12,086 logs, Tugela, Santa Fé
SESAME SEED—100 bgs, Lossiebank, Colombo
SOOT—40 bgs, Wm J Jones & Co, Cold Harbor, Glasgow
TANKAGE—1,345 bgs, Wilson & Co, Coldbrook, Buenos Aires
2,000 bgs, Uruguayo, Santos
505 bgs, J Stern & Sons, Uruguayo, Buenos Aires
TAPIOCA FLAKE SIFTINGS — 212 bgs, National City Bank, Kota Tjandi, Sourabaya
FLOUR—250 bgs, H P Winters & Co, Kota Tjandi, Cheribon
250 bgs, Philadelphia Natl Bank, Lossiebank, Cheribon
SEEDS—120 bgs, National City Bank, Kota Tjandi, Sourabaya
TITANIUM ORE—250 bgs, Uruguayo, Santos
POTASSIUM OXALATE—50 cks, Wm J Jones & Co, Frankfurt, Hamburg
WATTLEBARK—2,750 bls, Tannin Corp, Exarch, Durban
EXTRACT—497 bgs, Tannin Corp, Durban
ZINC-AMMONIUM CHLORIDE—21 cks, Philadelphia Natl Bank, Black Osprey, Antwerp

Portland, Ore., Imports

ARSENIC—56 bbls, Annie Johnson, Gothenburg
COLORS, EARTH—18 cks, Federal Trading Co, Tacoma, Hamburg
HEMPSEED—1,472 sks, Kentucky, Dairen
SODA CHLORATE—500 dms, Chipman Chemical Co, Annie Johnson Gothenburg

Port Townsend Imports

SALTCAKE, CRUDE—9,080 sks, Tacoma, Bremen

San Francisco Imports

ACID, FATTY—500 sks, Otis, McAllister & Co, Tai Ping Yang, Kobe
AGAR AGAR—5 bls, Anglo-California National Bank of S F, Tai Ping Yang, Kobe
ALCOHOL—55 dms, S L Jones & Co, Hopecrest, Manila
ALUMINUM LEAF—21 cs, Raisin & Thibaut Bros, Este, Hamburg
AMMONIA CARBONATE—5 cs, Pacific Shipper, Glasgow
PHOSPHATE—45 sks, Wilson & Geo Meyer & Co, Este, Hamburg
ARSENIC—776 bbls, General Chemical Co, Buenos Aires, Husum (optional discharge Oakland)
BABASSU NUTS—8,335 sks, Bank of California, N A Hollywood, Maranhao
1,666 sks, Bank of London & South America, Hollywood, Maranhao
5,071 sks, American Trust Co, Leikanger, Tuyoya
BEESWAX—4 cs, Lurline, Honolulu
BONES, GRANULATED—8,077 sks, and 775,070 kilos, Leikanger, Buenos Aires
BRISTLES—55 cs, H Cone & Co, Tai Ping Yang, Tsingtao
CANARY SEED—1,104 sks, Hollywood, Buenos Aires
240 sks, National City Bank of N Y, Hollywood, Buenos Aires
CASSIA—100 bls, D Hecht & Co, Tai Ping Yang, Hongkong
CHILLIES—15 bls, S H Tyler & Son, Este, Hamburg
COCOA BEANS—116 sks, San Antonio, Corinto
618 sks, Leikanger, Para
250 sks, Henry W Peabody & Co, Hollywood, Bahia
600 sks, H A Phillips & Co, Hollywood, Bahia
450 sks, American Trust Co, Hollywood, Para
100 sks, American Trust Co, Hollywood, Port of Spain
COCONUT, DESIC—150 cs, Connell Bros & Co, Tai Ping Yang, Manila
1,495 cs, Durkee Famous Foods, Tai Ping Yang, Manila
COPRA—1,207 sks, Attorney General, Mariposa, Pago Pago
FERTILIZER—10 sks, Corrientes, Glasgow
CHEMICALS—(93% Di Ammonia Phosphate; 7% Sulphate of Ammonia) 136 sks, Wilson & Geo Meyer & Co, Este, Hamburg
GINGER ROOT—20 cs, Manulani, Hilo
GLASS, WINDOW—20 cs, H Maran, Este, Hamburg
GUM COPAL—50 sks, Henry W Peabody & Co, Hopecrest, Singapore
DAMMAR—330 cs, D Hecht & Co, Hopecrest, Batavia
KAURI—26 sks, Mariposa, Suva
KAVA KAVA—17 pkgs, S B Penick & Co, Maui, Hilo
MOLASSES—1,000 tons, Maui, Honolulu
1,680,000 lbs, Golden Bear, Port Allen
1,026 tons, Maunawili, Hilo
MURU-MURU NUTS—1 bg, Leikanger, Para
NUTMEGS—15 sks, B C Ireland, Hollywood, Port of Spain
OIL, COCONUT—1,033 tons, Philippine Refining Corpn of New York, Hopecrest, Manila
CODLIVER—25 dms, Fred Olsen Line Agency, Nansenville, Oslo
25 dms, Spratt & Patent, Nansenville, Oslo
100 dms, Fred Olsen Line Agency, Nansenville, Oslo (for Oakland)
COTTONSEED—857 dms, Leikanger, Santos
108 dms, Frank Feher & Co, Leikanger, Santos
534 dms, Hollywood, Santos
1,595 dms, Hollywood, Pernambuco
COTTONSEED, SEMI-REFD—291 bbls, Leikanger, Pernambuco
CREOSOTE—35 dms, Corrientes, Liverpool (for Oakland)
OLIVE—100 dms, A Giurlani & Bro, President Wilson, Genoa
5 dms, Daneri Bros, President Wilson, Genoa
PERILLA—99 tons, Bank of California, N A, Tai Ping Yang, Kobe
PAINT REMOVER—1 cs, Jennings & Walker, Mariposa, Melbourne
PEATMOSS—475 bls, Wilson & George Meyer & Co, Nansenville, Oslo
300 bls, Peat Import Corpn, Este, Bremen
30 bls, Corrientes, Glasgow
PEPPER, BLACK—61 sks, A J Fuller, Hopecrest, Oosthaven
50 sks, Fred Catz & Co, Hopecrest, Batavia
WHITE—50 sks, Van Heekeren & Co, Hopecrest, Batavia
POTASH CHLORATE—500 csks, Uniform Chemical Products, Este, Hamburg (for Oakland)
QUEBRACHO EXTRACT—530 sks, Tannin Corpn, Leikanger, Buenos Aires
700 sks, International Products Corpn, Hollywood, Buenos Aires
SARDINE MEAL—1,000 sks, Taylor Milling Corpn, Tai Ping Yang, Yokohama
SILVERSAND—510 tons, Balfour, Guthrie & Co, San Antonio, Antwerp
740 tons, Balfour, Guthrie & Co, San Antonio, Antwerp (for Oakland)
TALLOW—560 dms, Guaranty Trust Co, Mariposa, New Zealand
1,819 dms, Mariposa, Australia
10 dms, Maui, Kahului
1 cs, Leikanger, Para
INEDIBLE—163 dms, Anglo California National Bank of San Francisco, Mariposa, Melbourne
240 pipes, Mariposa, Melbourne
59 pipes, 64 csks, Mariposa, Sydney
298 dms, 2 csks, 10 bbls, Anglo-California National Bank of San Francisco, Mariposa, Auckland
260 dms, Guaranty Trust Co, Mariposa, New Zealand
555 dms, Anglo-California National Bank of San Francisco, Mariposa, Australia
MIXED—162 pipes, The Tupman Thurlow Co, Mariposa, Australia
TAPIOCA—2 cs, D Hecht & Co, Hopecrest, Batavia
FLOUR—3 pkgs, Getz Bros & Co, Hopecrest, Samarang
PEARL—55 sks, Fred Catz & Co, Hopecrest, Batavia
SEEDS—60 sks, Fred Catz & Co, Hopecrest, Batavia
WATER, MINERAL—75 pkgs, Rathjen Bros, President Wilson, Marseilles
WAX, MONTAN—225 bgs, Strohmeyer & Arfe Co, Este, Hamburg

Savannah Imports

PETROLEUM, CRUDE—8,559 tons, Madrona, Las Piedras
555 tons, Silvercedar, Belawan
SALTCAKE—906,459 kilos, Tulsa, Antwerp
STARCH, POTATO—2,000 bgs, Tulsa, Rotterdam
SOLUBLE—200 bgs, Tulsa, Rotterdam

Seattle Imports

BLEACHING POWDER—100 dms, Wilson & George Meyer & Co, Tacoma, Hamburg
CANARY SEED—5 sks, J W Essex, Dinteldijk, London
CHALK—167 tons, Wyoming, Antwerp
GLASS, WINDOW—316 cs, United States National Bank of Portland, Wyoming, Antwerp
GOLD OF PLEASURE SEED—1 bg, J W Essex, Dinteldijk, London
OIL, LUBRICATING—20 dms, Tacoma, Hamburg
PEANUT CAKE—666 sks, Casein Co, Wyoming, Havre
PEATMOSS—550 bls, Peat Import Corp, Tacoma, Bremen
RAPESEED—6 sks, J W Essex, Dinteldijk, London
SAND—16 bbls, M Whitehead Bros, Co, Wyoming, Havre
SESAME SEED—1 bg, J W Essex, Dinteldijk, London
SODA CYANIDE—300 cs, American Cyanamid & Chemical Corp, Dinteldijk, Rotterdam
STARCH, CHEMICALLY TREATED—1,000 sks, Dinteldijk, Rotterdam

Tacoma Imports

CHEMICALS—5 dms, J T Steeb & Co, Tacoma, Hamburg
POTASH CHLORATE—150 cks, C W Campbell & Co, Tacoma, Hamburg

Tampa Imports

COCONUTS—5,000, W M Delphia, Roatan
10,300, Angerer, Bonocca
RECENT EXPORTS FROM U S PORTS

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, July 10; American Legion, July 17; American Shipper, July 17; Aquitania, July 16; Akre, June 26; Alexandre Andre, July 20; Berengaria, July 2; Berlin, July 17; Biscaya, July 17; Black Falcon, July 18; Black Heron, July 24; Bremen, July 16; Britannic, July 23; Buenaventura, June 23; Cacique, July 9; Calamares, July 18; California, July 17; Carabobo, July 1; Caracas, June 24; City of Derby, July 27; City of Dieppe, July 9; City of Winchester, July 21; Cliffwood, July 9; Coamo, July 16; Deutschland, July 15; Emile Francqui, July 10; Exchester, July 20; Fort Townshend, July 10; Gerolstein, July 17; Hokuroku, July 14; Independence Hall, July 17; Ingrid, July 10; Irisbank, July 11; Lara, July 8; M C Holm, July 21; Maasdam, July 16; Malaren, July 17; Munargo, July 11; New Brunswick, July 15; New Texas, June 23; New York, July 22; Nidareid, June 28, July 27; Nordlys, July 18; Orania, July 25; Oriente, July 10; Orizaba, July 9; Orotava, July 14; Otis Chandler, July 18; Pulto, July 17; Polarland, July 20; Ponce, July 17; Quirigua, July 16; Santa Isabel, July 4;

CLEARANCE DATES (Continued):—
Santa Paula, July 17; Sawokla, July 21; Scanyork, July 2; Siboney, July 16; Somerset, June 30; Statendam, July 21; Stella, July 18; Tacoma, July 22; Thurland Castle, July 14; Tureby, July 17; Veendam, July 10; Westernland, July 11

ACETANILID—730 lbs, Independence Hall, Havre
ACETIC ANHYDRIDE—11,680 lbs, Black Tern, Antwerp
ACETONE—1,632 lbs, Quirigua, Havana; 2,466 lbs, Malaren, Stockholm
ACID, BUTYRIC—7,476 lbs, Black Tern, Antwerp
CHROMIC—6,024 lbs, Hokuroku, Kobe
CITRIC—113 lbs, Calamares, Cartagena
FORMIC—2,116 lbs, Pluto, Gibara
STEARIC—8,880 lbs, Buenaventura, Puntarenas
TARTARIC—(Calamares) 244 lbs, Cartagena; 610 lbs, Porto Colombia
ALCOHOL, BUTYL—3,300 gls, Black Tern, Antwerp
ALUMINA SULPHATE—4,040 lbs, Calamares, Kingston
ASPHALT—(Bremen) 110,318 lbs, Bremen; 6,727 lbs, Misburg; (Irisbank) 614,410 lbs, Karachi; 62,120 lbs, Bombay; 130,822 lbs, Nordlys, London; 109,920 lbs, Deutschland, Hamburg; 55,823 lbs, American Shipper, Manchester; 81,225 lbs, Sawokla, Calcutta; 15,292 lbs, Cliffwood, Gdynia
LIQUID—80,221 lbs, Veendam, Rotterdam
BLEACHING POWDER—12,780 lbs, Quirigua, Havana
BLOOD, DRIED—44,200 lbs, Cliffwood, Kotka; 44,200 lbs, Scanyork, Kotka
BLUE, ULTRAMARINE—648 lbs, Quirigua, Port Limon; 8,142 lbs, Santa Paula, Mazattan
VITRIOL—59,000 lbs, Tureby, Buenos Aires; 28,280 lbs, Platano, Porto Cortez
BUTYL ACETATE—4,440 lbs, Black Tern, Antwerp
CALCIUM CHLORIDE—1,129,410 lbs, Malaren, Stockholm; 1,174,720 lbs, Cliffwood, Stockholm-Gothenburg
GLUCONATE—5,225 lbs, New York, Hamburg
CARBON—20,800 lbs, Otis Chandler, Honolulu
BISULPHIDE—1,260 lbs, Nidareid, Port of Spain
CHEMICALS—4,412 lbs, Emile Francqui, Antwerp; 36,180 lbs, Nordlys, Oporto; 1,000 lbs, Veendam, Rotterdam
CHLORINE, LIQUID—1,117 lbs, Buenaventura, Porto Barrios
CLAY—28,292 lbs, Nordlys, Aarhus
COALTAR INTERMEDIATES — 16,262 lbs, Veendam, Rotterdam; 1,668 lbs, Statendam, Rotterdam
COLOR, DRY—6,575 lbs, Munargo, Havana; 972 lbs, Platano, Santiago
CORNFLOUR—35,500 lbs, Thurland Castle, Manila; 31,240 lbs, City of Derby, Manila; 2,520 lbs, Calamares, Kingston
SYRUP—7,504 lbs, Oriente, Havana; 3,839 lbs, Quirigua, Havana; 7,577 lbs, Otis Chandler, Honolulu; 10,000 lbs, Hokuroku, Yokohama; 1,804 lbs, City of Derby, Manila; 75,586 lbs, City of Dieppe, Dunedin
COTTONSEED CAKE—876,923 lbs, Scanyork, Copenhagen
CREAM TARTAR—123 lbs, Calamares, Cartagena
DEXTRIN—18,324 lbs, Quirigua, Havana; 15,904 lbs, Siboney, Vera Cruz; 2,272 lbs, City of Dieppe, Auckland
CORN—14,200 lbs, American Shipper, Manchester; 2,272 lbs, City of Dieppe, Wellington; (Somerset) 15,904 lbs, Sydney; 5,964 lbs, Melbourne
DIBUTYL PHTHALATE — 992 lbs, Emile Francqui, Antwerp; (Black Tern) 2,605 lbs, Antwerp; 2,487 lbs, Basle
DYES—8,102 lbs, Emile Francqui, Antwerp; 1,824 lbs, Statendam, Rotterdam; 1,298 lbs, Black Heron, Rotterdam; 9,670 lbs, Black Tern, Antwerp; 5,283 lbs, M C Holm, Buenos Aires
ANILIN—4,538 lbs, Deutschland, Hamburg
ETHYL FLUID—2,750 gls, Maasdam, Rotterdam
FERRITES—13,534 lbs, Tureby, Buenos Aires
FERTILIZER—30,600 bs, Munargo, Havana; (Ingrid) 20,200 lbs, St Kitts; 11,340 lbs, Grenada
FIRECLAY—121,608 lbs, Westernland, Antwerp
FULLERS EARTH—20,000 lbs, Veendam, Rotterdam
GASOLINE—(New Brunswick) 5,000 gls, Cape Coast; 12,000 gls, Cotonou; 3,000 gls, Buenaventura, Port Prince; (City of Winchester) 27,500 gls, Sydney; 16,500 gls, Adelaide; 1,650 gls, City of Dieppe, Dunedin; 5,500 gls, Somerset, Fremantle
GELATIN—1,388 lbs, Quirigua, Havana
GLASS, PLATE—13,830 lbs, Westernland, Antwerp
WINDOW—20,610 lbs, Buenaventura, Chistobal
GLUCOSE—14,200 lbs, Somerset, Melbourne
GLUE, FLAKE—506 lbs, Quirigua, Havana
GLYCERIN—6,439 lbs, Munargo, Havana; 2,380 lbs, Quirigua, Havana
GREASE, ANIMAL—134,999 lbs, Black Falcon, Rotterdam; 92,120 lbs, Black Tern, Antwerp
LUBRICATING—(New Texas) 6,248 lbs, Las Palmas; 12,350 lbs, Accra; 6,461 lbs, Santa Isabel; 2,745 lbs, Duala; 15,974 lbs, Point Noire; 16,742 lbs, California, Glasgow; 2,111 lbs, New Brunswick, Takoradi; 8,445 lbs, Akre, Barcelona; 44,525 lbs, Irisbank, Bombay; 22,184 lbs, Thurland Castle, Manila; 46,076 lbs, Stella, Tocopilla; 37,084 lbs, Hokuroku, Moji; 16,652 lbs, Malaren, Stockholm; 102,831 lbs, Deutschland, Hamburg; 15,962 lbs, American Shipper, Liverpool; 1,804 lbs, City of Derby, Manila; 10,040 lbs, City of Winchester, Sydney; 29,715 lbs, Santa Paula, Cartagena; 3,602 lbs, Cacique, Buenaventura; (Cliffwood) 5,495 lbs, Copenhagen; 5,312 lbs, Gdynia; 10,518 lbs, Scanyork, Copenhagen; 2,274 lbs, Veendam, Amsterdam; 3,793 lbs, Calamares, Panama; 38,282 lbs, Siboney, Vera Cruz; 10,820 lbs, City of Dieppe, Auckland; 106,940 lbs, New York, Hamburg; 2,683 lbs, Tureby, Rio Janeiro; 26,285 lbs, Tacoma, Buenos Aires; 8,162 lbs, Orizaba, Vera Cruz
GUM, KAURI—15,400 lbs, Independence Hall, Havre
INSECTICIDE—23,515 lbs, Akre, Genoa; 4,518 lbs, Ponce, Sanchez; 12,316 lbs, Statendam, Rotterdam
AGRICULTURAL — 6,010 lbs, Hokuroku, Osaka; 2,535 lbs, American Banker, Manchester; 48,200 lbs, American Legion, Buenos Aires
HOUSEHOLD—3,310 lbs, Irisbank, Bombay; 3,590 lbs, Independence Hall, Nantes; 3,062 lbs, Sawokla, Colombo; 48,010 lbs, Orizaba, Vera Cruz
IODINE, CRUDE—1,678 lbs, American Trader, London
IRON OXIDE—12,597 lbs, Statendam, Amsterdam
ISOPROPYL ETHER—5,398 lbs, Black Tern, Antwerp
KEROSENE—1,210 gls, City of Dieppe, Wellington
LACQUER THINNER—2,420 gls, Oriente, Havana
LARD—27,606 lbs, California, Glasgow; 4,013 lbs, Orotava, Banes; 18,900 lbs, Quirigua, Havana; (Ponce) 17,650 lbs, Ponce; 6,000 lbs, Mayaguez; 4,151 lbs, Aquitania, Southampton; 13,354 lbs, Westernland, Antwerp; 29,050 lbs, Coamo, Trujillo; 26,801 lbs, Massadam, Rotterdam
SUBSTITUTE—51,440 lbs, Buenaventura, Panama
LEAD, ARSENATE—24,786 lbs, M C Holm, Buenos Aires
LEAVES—6,129 lbs, Veendam, Rotterdam
LINSEED CAKE—(Nordlys) 70,755 lbs, London; 3,906,107 lbs, Hamburg; 225,438 lbs, Westernland, Antwerp; 70,762 lbs, Gerolstein, Antwerp; 2,312,311 lbs, Emile Francqui, Antwerp; 446,951 lbs, Black Heron, Rotterdam; 225,342 lbs, Black Tern, Antwerp; 225,219 lbs, New York, Hamburg
MEAL—(Nidareid) 31,250 lbs, Port of Spain; 18,900 lbs, San Fernando; 248,600 lbs, Barbados; 66,105 lbs, Georgetown
NAPHTHA—(New Texas) 35,000 gls, Dakar; 15,000 gls, Port Bouet; 20,500 gls, Winnebah; 56,000 gls, Accra; 8,250 gls, Apapa; 4,650 gls, Duala; 20,000 gls, Kribi; 1,925 gls, Libreville; 23,100 gls, Port Gentil; (New Brunswick) 7,000 gls, Dakar; 2,750 gls, Freetown; 5,000 gls, Marshall; 20,000 gls, Grand Lahou; 41,000 gls, Port Bouet; 10,000 gls, Assinie; 5,000 gls, Cape Coast; 60,000 gls, Accra; 12,000 gls, Ada; 3,000 gls, Grand Popo; 7,500 gls, Cotonou; 1,375 gls, Apapa
OIL, BRIGHT STOCK—25,958 gls, Alexander Andre, Manchester
COCONUT—16,709 gls, Quirigua, Havana; 95,720 lbs, Polarland, Porto Plata; 7,374 lbs, Coamo, Trujillo
CORN—2,188 lbs, Ponce, Sanchez
CYLINDER—222,978 gls, Alexander Andre, Manchester; (Biscaya) 477,563 gls, England; 387,327 gls, Antwerp; 993,353 gls, Hamburg
EDIBLE—(Platano) 1,060 lbs, Puerto Cortes; 9,648 lbs, Puerto Barrios; 3,719 lbs, Calamares, Cartagena
FISH—798 lbs, Independence Hall, Havre
FLOTATION—3,300 gls, City of Winchester, Melbourne
GAS—(New Texas) 1,100 gls, Winnebah; 4,125 gls, Lagos; 1,375 gls, Duala; 5,500 gls, Libreville; 5,500 gls, Port Gentil; 11,000 gls, Point Noire; (New Brunswick) 1,650 gls, Grand Lahou; 2,475 gls, Port Bouet; 5,500 gls, Accra; 5,500 gls, Warri
INSULATING—1,155 gls, M C Holm, Buenos Aires
LONG BURNING — 201,138 gls, Alexandre Andre, Manchester
LUBRICATING—4,200 gls, Emile Francqui, Antwerp; (Malaren) 8,484 gls, Gothenburg; 4,685 gls, Stockholm; 7,115 gls, Gerolstein, Antwerp; (Independence Hall) 31,962 gls, Havre; 5,166 gls, St Nazaire; 19,270 gls, Bordeaux; (Nordlys) 9,440 gls, London; (Black Falcon) 2,750 gls, Rotterdam; 924 gls, Amsterdam; 6,440 gls, Carabobo, Puerto Cabello; (Stella) 3,025 gls, Buenaventura; 7,150 gls, Tocopilla; 3,850 gls, Antofagasta; 1,870 gls, Valparaiso; 1,650 gls, Caldera; (Hokuroku) 6,250 gls, Yokohama; 26,915 gls, Osaka-Kobe; 14,300 gls, Kobe; 3,025 gls, Moji; 7,618 gls, California, Glasgow; 1,375 gls, Oriente, Havana; 541,422 gls, Alexandre Andre, Manchester; (New Brunswick) 880 gls, Freetown; 2,150 gls, Grand Lahou; 2,500 gls, Assinie; 2,090 gls, Takoradi; 1,650 gls, Ada; 11,000 gls, Lagos; 5,555 gls, Apapa; 3,700 gls, Burutu; (Akre) 840 gls, Casablanca; 3,320 gls, Barcelona; 1,805 gls, Buenaventura; Puerto Barrios; 1,925 gls, Fort Townshend; (Biscaya) 605,-454 gls, England; 88,878 gls, Antwerp; 73,809 gls, Hamburg; (Irisbank) 46,750 gls, Calcutta; 89,930 gls, Rangoon; 22,275 gls, Karachi; 12,925 gls, Madras; 1,870 gls, Thurland Castle, Manila; 7,475 gls, Nidareid, Ciudad; (City of Winchester) 18,150 gls, Brisbane; 58,730 gls, Sydney; 144,865 gls, Melbourne; 20,075 gls, Adelaide; 1,350 gls, Santa Paula, Puerto Colombia; 1,005 gls, Cacique, Pisco; 2,750 gls, Cliffwood, Helsingfors; (Exchester) 8,975 gls, Casablanca; 13,944 gls, Oran; (Veendam) 13,432 gls, Rotterdam; 9,786 gls, Amsterdam; 61,488 gls, Deutschland, Hamburg; 4,200 gls, American Shipper, Liverpool; (Sawokla) 4,675 gls, Bombay; 5,300 gls, Calcutta; (City of Derby) 8,550 gls, Manila; 19,250 gls, Hongkong; (New Texas) 1,165 gls, Las Palmas; 3,515 gls, Dakar; 2,455 gls, Freetown; 1,760 gls, Takoradi; 4,170 gls, Lagos; 2,090 gls, Santa Isabel; 3,825 gls, Duala; 1,750 gls, Bata; 14,850 gls, Point Noire; 9,900 gls, Matadi; 3,250 gls, Black Tern, Antwerp; 62,280 gls, New York, Hamburg; 4,015 gls, M C Holm, Buenos Aires; (Tureby) 17,925 gls, Rio Janeiro; 7,760 gls, Santos; 11,000 gls, Buenos Aires; (Tacoma) 3,100 gls, Rio de Janeiro; 2,750 gls, Montevideo; 8,358 gls, Orizaba, Vera Cruz; (Statendam) 1,760 gls, Rotterdam; 19,525 gls, Amsterdam; 23,375 gls, Maasdam, Rotterdam; 3,905 gls, Calamares, Panama; 24,145 gls, Lara, La Rosa; 6,985 gls, Siboney, Vera Cruz; 2,640 gls, Ingrid, Martinique; (Santa Isabel) 6,545 gls, Callao; 3,850 gls, Antofagasta; 1,375 gls, Coquimbo; (City of Dieppe) 11,610 gls, Wellington; 28,640 gls, Auckland; 15,345 gls, Lyttelton; 11,605 gls, Dunedin; 15,400 gls, Bluff; 5,500 gls, Timaru; (Somerset) 61,875 gls, Sydney; 22,165 gls, Fremantle
MINERAL—3,300 gls, Orizaba, Mexico City
MOTOR—8,250 bls, New Brunswick, Freetown; (New Brunswick) 2,750 gls, Freetown; 2,750 gls, Lagos
OLEO—110,215 lbs, Nordlys, London; 113,271 lbs, California, Glasgow; 11,801 lbs, Cliffwood, Copenhagen; 23,689 lbs, Veendam, Rotterdam; 37,652 lbs, American Shipper, Manchester; 28,820 lbs, Black Tern, Antwerp; 63,435 lbs, Black Heron, Rotterdam
PALE—424,368 gls, Alexander Andre, Manchester
SPINDLE—194,796 gls, Alexander Andre, Manchester
TANNING—2,848 lbs, New York, Hamburg
TRANSFORMER—1,300 gls, Irisbank, Rangoon; 1,100 gls, Orizaba, Vera Cruz
VALVE—230,286 gls, Alexandre Andre, Manchester
ORTHONITROTOLUENE—13,351 lbs, Scanyork, Gothenburg
PAINT—4,170 lbs, Emile Francqui, Antwerp; 6,626 lbs, Ponce, Ponce; 6,580 lbs, Munargo, Nassau; 44,590 lbs, Thurland Castle, Manila; 16,324 lbs, Scanyork, Copenhagen; 1,084 lbs, Nidareid, Port Spain; 9,227 lbs, M C Holm, Buenos Aires
ENAMEL—12,272 lbs, M C Holm, Buenos Aires
PREPARED — 10,782 lbs, Platano, Porto Barrios
THINNER—2,200 gls, Emile Francqui, Antwerp; 3,300 gls, Sawokla, Calcutta; 8,250 gls, M C Holm, Buenos Aires
PARAFFIN—272,822 lbs, Nordlys, London; 20,158 lbs, Polarland, San Pedro; 41,784 lbs, Hokuroku, Tsingtao; (Stella) 83,224 lbs, Guayaquil; 33,312 lbs, Mollendo; 22,244 lbs, Buenaventura, Porto Barrios; 5,687 lbs, Quirigua, Port Limon; 11,122 lbs, Veendam, Rotterdam; 54,629 lbs, Deutschland, Hamburg; 316,023 lbs, New York, Hamburg; 10,101 lbs, Platano, Santiago; 67,423 lbs, Tacoma, Buenos Aires; 10,506 lbs, Tureby, Rio Janeiro
SCALE—48,504 lbs, American Shipper, Manchester

PETROLATUM—5,809 lbs, Westernland, Antwerp; 46,380 lbs, Irisbank, Madras; 227,029 lbs, Deutschland, Hamburg

PETROLEUM, REFD—1,000 gls, Carabobo, Aruba; (Ponce) 15,000 gls, Sanchez; 5,000 gls, Ponce; 7,500 gls, Mayaguez, 3,000 gls, Aquadilla; (New Brunswick) 2,000 gls, Dakar; 5,750 gls, Grand Lahou; 18,500 gls, Port Bouet; 10,000 gls, Assinie; 15,000 gls, Cape Coast; 20,000 gls, Accra; 15,000 gls, Ada; 17,000 gls, Grand Popo; 9,000 gls, Cotonou; (New Texas) 11,000 gls, Dakar; 8,500 gls, Winnebah; 2,250 gls, Santa Isabel; 12,750 gls, Duala; 750 gls, Kribi; 3,500 gls, Libreville; 3,250 gls, Fort Gentil; 9,000 gls, Point Noire; 1,000 gls, Caracas, Aruba; 1,000 gls, Lara, Aruba

PHENOL—221 lbs, Calamares, Porto Colombia

PITCH, COALTAR—199,361 lbs, American Shipper, Manchester

POTASH, CAUSTIC—11,448 lbs, American Shipper, Manchester

XANTHATE—3,745 lbs, Somerset, Fremantle

RESIN, COALTAR—1,658 lbs, Statendam, Amsterdam

SYNTHETIC—5,662 lbs, American Shipper, Manchester

ROSIN—7,548 lbs, American Shipper, Manchester; 3,018 lbs, American Legion, Rio Janeiro; 2,747 lbs, Black Tern, Antwerp

SARSAPARILLA ROOT—570 lbs, New York, Hamburg

SOAP—(Ponce) 138,410 lbs, Sanchez; 27,975 lbs, Ponce; 8,400 lbs, Mayaquez

LAUNDRY—3,660 lbs, Munargo, Nassau

TOILET—4,994 lbs, Westernland, Antwerp

SODA ASH—(Nordlys) 6,010 lbs, Copenhagen; 6,422 lbs, Gothenburg; 10,184 lbs, Oslo; 10,116 lbs, Helsingfors; 6,640 lbs, Otis Chandler, Honolulu; 42,022 lbs, Munargo, Havana; 44,215 lbs, Siboney, Vera Cruz; 16,015 lbs, City of Dieppe, Auckland; 111,720 lbs, Tureby, Montevideo

BICARBONATE—10,300 lbs, Calamares, Porto Colombia

BICHROMATE—17,942 lbs, Nordlys, London

BROMIDE—1,330 lbs, Scanyork, Gothenburg

CAUSTIC—95,648 lbs, Westernland, Antwerp; (Stella) 17,912 lbs, Guayaquil; 21,494 lbs, Talcahuano; 57,479 lbs, Munargo, Havana; 5,000 lbs, Deutschland, Hamburg; 14,400 lbs, Calamares, Cartegena; 140,211 lbs, Siboney, Vera Cruz; 102,240 lbs, Tureby, Montevideo; 46,080 lbs, Platano, Santiago; 220,315 lbs, Orizaba, Vera Cruz

CYANIDE—22,615 lbs, Orizaba, Vera Cruz

HYDROSULPHITE—1,210 lbs, M C Holm, Buenos Aires

NAPHTHIONATE — 724 lbs, Deutschland, Hamburg

PHOSPHATE TRI—22,220 lbs, Veendam, Rotterdam

SILICATE—20,475 lbs, Stella, Guayaquil

SULPHATE—3,250 lbs, Quirigua, Havana

SULPHIDE—8,060 lbs, Quirigua, Havana

SOLVENTS—2,234 lbs, Veendam, Rotterdam

STARCH, ARROWROOT—22,640 lbs, American Shipper, Manchester

CORN—2,662 lbs, Otis Chandler, Port Allen; (Ponce) 3,020 lbs, Sanchez; 14,100 lbs, Ponce; 2,662 lbs, Otis Chandler, Port Allen; 2,000 lbs, Quirigua, Cienfuegos; 3,902 lbs, Thurland Castle, Manila; (American Shipper) 31,020 lbs, Manchester; 1,500 lbs, City of Derby, Manila

STEARIN, OLEO—35,602 lbs, Maasdam, Rotterdam

TALC—67,200 lbs, Nordlys, Aarhus

TALLOW—44,694 lbs, Polarland, Ciudad; 12,007 lbs, Coamo, Trujillo

INEDIBLE—51,615 lbs, Akre, Genoa

TANNING EXTRACT, DRY—1,852 lbs, Veendam, Rotterdam

TOLIDINE BASE—279 lbs, Deutschland, Hamburg

TREE WASH—56,110 lbs, Irisbank, Jaffa

TURPENTINE—(City of Winchester) 150 gls, Brisbane; 250 gls, Sydney; 250 gls, Melbourne; (City of Dieppe) 6,330 gls, Wellington; 4,415 gls, Lyttleton; 360 gls, Dunedin

URANIUM NITRATE—840 lbs, New York, Hamburg

VARNISH—12,218 lbs, American Legion, Rio de Janeiro; 6,210 lbs, Somerset, Melbourne

WATERPROOFING COMP—20,611 lbs, Independence Hall, Havre

WITCH HAZEL EXTRACT — 22,312 lbs, Nordlys, London

ZINC OXIDE—10,084 lbs, Munargo, Havana; 731 lbs, Cliffwood, Copenhagen; 2,244 lbs, M C Holm, Buenos Aires

Baltimore Exports

Clearance Dates

Austvard, July 18; Black Heron, July 17; City of Baltimore, July 16; Collingsworth, July 18; Lagaholm, July 22; Quaker City, July 18; Robin Hood, July 17; Sanyo, July 22; Silverwalnut, July 17; Uruguayo, July 22.

AMMONIA, SULPHATE—648 tons, Silverwalnut, Iloilo

ASPHALT, SOLID—74,277 lbs, Quaker City, Liverpool; 44,480 lbs, City of Baltimore, Havre

CADIUM LITHOPONE—5,112 lbs, City of Baltimore, London

CHEMICAL COMP—435 lbs, Robin Hood, Mombasa

CLAY—600 lbs, Black Heron, Antwerp; 480 lbs, Collingsworth, Buenos Aires

COPRA CAKE—448,200 lbs, Lagaholm, Stockholm

GLASS FRIT, CRUSHED—100 lbs, City of Baltimore, London

GREASE, LUBRICATING—1,108 lbs, Sanyo Maru, Osaka

LEAD ARSENATE—(Robin Hood) 85,968 lbs, Capetown; 3,360 lbs, Port Elizabeth

METHYL CHLORIDE—2,160 lbs, Robin Hood, Johannesburg

NICKEL, SULPHATE—4,000 lbs, Austvard, Kobe

OIL, LUBRICATING—(City of Baltimore) 140 bbls, Havre; 72 bbls, Bordeaux; 4,868 gls, Sanyo, Osaka

POLISH, AUTO—150 gls, Lagaholm, Stockholm; 1,858 lbs, Robin Hood, Port Natal; 934 lbs, Black Heron, Vienna; 268 lbs, City of Baltimore, Stockholm

METAL—4,955 lbs, Austvard, Manila

PORCELAIN ENAMEL FRIT—5,000 lbs, Black Heron, Antwerp

PARAFFIN—66,186 lbs, Silverwalnut, Shanghai

RUTILE—2,240 lbs, Quaker City, Liverpool

SODA DICHROMATE—(Austvard) 11,200 lbs, Osaka; 11,200 lbs, Kobe-Osaka; 44,800 lbs, Uruguayo, Buenos Aires

SILICATE—(Austvard) 2,400 lbs, Mukden; 4,800 lbs, Harbin

SOLDER, DROSS—636,708 lbs, Quaker City, Avonmouth

STARCH, CORN—141,374 lbs, Black Heron, Antwerp

SULPHUR DIOXIDE—1,796 lbs, Robin Hood, Johannesburg; 892 lbs, Robin Hood, Durban

TELLURIUM POWD—221 lbs, Sanyo Maru, Kobe

TIN, OXIDE—217 lbs, Black Heron, Antwerp

TITANIUM LITHOPONE—4,800 lbs, Quaker City, Cork

VARNISH—14,597 lbs, Black Heron, Merxem Anvers

Beaumont Exports

Clearance Dates

Alexandra Hoegh, July 9; Frontenac, July 11; Helgoland, July 15; Tapanoeli, July 14

OIL, BATCHING—4,446 bbls, Tapanoeli, Calcutta

LUBRICATING — 2,000 pkgs, Helgoland, Hamburg

PETROLEUM, CRUDE—91,338 bbls, Alexandra Hoegh, Montreal; 84,500 bbls, Frontenac, Montreal

Boston Exports

Clearance Dates

Black Osprey, July 22; Carrillo, July 10; Collamer, July 22; Dominion Halsyd, July 22, Edam, July 20; Evangeline, July 19; Good Luck, July 16; Kaupanger, July 22; Lossiebank, July 18; Saint John, July 17; 19; 21; Samaria, July 11; Sanyo, July 13; Scythia, July 18

ALUMINA OXIDE—3,975 bgs, 397,500 lbs, Collamer, Seine

AMMONIA, SULPHATE—2,023 tons, Kaupanger, Valencia

ASBESTOS FIBER—100 bgs, 10,000 lbs, Sanyo, Osaka

CLAY—721 bbls, 84½ tons, Collamer, Seine; 1,800 bgs, 180,000 lbs, Good Luck, Liverpool

CLEANER, CRYSTAL—1 pkg, 20 lbs, Saint John, St John

DESULPHATOR—1 dm, 75 lbs, Scythia, Bombay

DISINFECTANT—30 bbls, 1,000 gls, Carrillo, Havana

DRESSING, LEATHER—1 dm, 10 gls, Scythia, Leicester; 1 box, 10 lbs, Black Osprey, Luxembourg

SHOE—1 cs, 10 lbs, Carrillo, Havana

FINISH, LEATHER—3 dms, 156 gls, Carrillo, Havana

GREASE GUN—1 pkg, 12 lbs, Saint John, St John

HOG—100 trcs, 37,553 lbs, Black Osprey, Antwerp

LUBRICATING—3 pails, 114 lbs, Scythia, Liverpool; 48 pails, 1,200 lbs, Samaria, Liverpool

SOAP—(Carrillo) 5 bbls, 2,080 lbs, Santa Clara; 10 bbls, 3,954 lbs, Cardenas

INK, WRITING—(Carrillo) 5 pkgs, 146 lbs, Havana; 3 crtns, 126 lbs, Kingston; 1 crtn, 12 lbs, Coco Solo

INVALID'S FOOD—4 cs, 95 lbs, Carrillo, Havana

LINING COMP—10 dms, 4,294 lbs, Edam, Alkmaar; 7 dms, 3,402 lbs, Black Osprey, Antwerp; 32 dms, 7,795 lbs, Collamer, Havre

MOLASSES—50 bbls, 2,750 gls, Edam, Rotterdam

OIL, LUBRICATING—6 dms, 308 gls, Saint John, St John

MEDICINAL—2 cs, 160 lbs, Scythia, Liverpool; 6 bbls, 1,923 lbs, Dominion Halsyd, Halifax

VEGETABLE—1 dm, 393 lbs, Edam, Amsterdam

PARAFFN—82 bgs, 18,929 lbs, Scythia, Liverpool; 160 bgs, 36,854 lbs, Samaria, Liverpool

PITCH, COALTAR—40 kgs, 4,105 lbs, Carrillo, Havana

PINE—1 dm, Saint John, St John

RETARDER, CONCENTRATED—15 bgs, 1,239 lbs, Samaria, Newport

ROSIN, PHENOL—1 dm, 1 box, 191 lbs, Scythia, Crosshills; 1 box, 2 dms, 411 lbs, Samaria, Crosshills

SOAP TAR—54 cs, 1,413 lbs, Carrillo, Havana; 500 cs, 10,000 lbs, Lossiebank, Manila

TOILET—101 cs, 2,200 lbs, Scythia, Leeds; 50 cs, 1,219 lbs, Carrillo, Havana; 2,310 cs, 64,243 lbs, Lossiebank, Manila

SOLDER FLUX—1 dm, 700 lbs, Black Osprey, Antwerp; 1 dm, 130 lbs, Collamer, Havre

THINNER—3 dms, 156 lbs, Carrillo, Havana

TURPENTINE, GUM—15 dms, 5,880 lbs, Saint John, St John

WATER, SPRING—2 cs, 39 lbs, Evangeline, Digby; 180 cs, 1,824 gls, Carrillo, Havana

Galveston Exports

Clearance Dates

Colonial, July 21; Kirishima, July 17; Simon von Utrecht, July 18

BLACK, CARBON—(Kirishima) 3,000 bgs, Kobe; 2,000 bgs, Moji

MOLYBDENITE—880 bbls, Simon von Utrecht, Hamburg

OIL—300 dms, Kirishima, Yokohama

SOAPSTOCK—13 tons, Colonial, Liverpool

SULPHUR—(Colonial) 20 tons, Liverpool; 1,700 tons, Manchester

Houston Exports

Clearance Dates

Buccinum, July 18; Cities Service Empire, July 21; Oakman, July 17; Titania, July 18; Wasgenwald, July 17

BLACK, CARBON—200 cs, Oakman, Genoa; (Wasgenwald) 50 tons, Bremen; 7 tons, Hamburg; (Titania) 176 cs, Gothenburg; 350 cs, Copenhagen

LUBRICANTS—(Titania) 486 pkgs, Oslo; 317 pkgs, Gothenburg

OIL, FUEL—(Cities Service Empire) 45,000 bbls, Matanzas; 22,000 bbls, San Juan

GAS—6,000 tons, Buccinum, United Kingdom

SULPHUR—(Oakman) 7 tons, Barcelona; 475 tons, Genoa

Lake Charles Exports

Clearance Dates

Helgoland, July 6; Hybert, July 9; Mosli, July 9

PETROLEUM, CRUDE — 89,503 bbls, Mosli, Hamburg

ROSIN—45 dms, Helgoland, Bremen; 100 bbls, Hybert, London

Los Angeles Exports

Clearance Dates

Admiral Halstead, July 16; Albertolite, July 20; Barbro, July 15; Chiriqui, July 11; City of Florence, July 11; Dagfred, July 17; Deroche, July 18; Hidalgo, July 15; Hoyanger, July 13; Kyokuto, July 16; Macoma, July 15; Nankai, July 14; Norway, July 8; Otokai, July 20; Pacific Trader, July 11; Point Lobos, July 10; President Wilson, July 13; Raby Castle, July 12; Rhexenor, July 19; Santa Maria, July 17; Santa Rosa, July 11; Shunten, July 6; Silveray, July 9; Tatsuta, July 13; Vancouver City, July 11

ACID, BORIC—185 pkgs, 29,830 lbs, Santa Rosa, Havana; 240 bgs, 26,460 lbs, City of Florence, Manila; (President Wilson) 40 cs, 8,960 lbs, Calcutta; 40 cs, 8,960 lbs, Shanghai

ASPHALT—6,000 lbs, President Wilson, Tel Aviv

BORATE—1,130 bgs, 163,850 lbs, Tatsuta, Osaka

BORAX—420 sks, 42,000 lbs, Santa Rosa, Havana; 1,000 bgs, 112,000 lbs, Vancouver, Cardiff; 760 bgs, 83,790 lbs, City of Florence, Dairen; (Nankai) 600 bgs, 67,200 lbs, Yokohama-Osaka; 2,300 sks, 256,750 lbs, Osaka; 500 bgs, 112,000 lbs, Rhexenor, Hongkong; (Tatsuta) 200 bgs, 22,400 lbs, Osaka-Yokohama; 720 bgs, 80,640 lbs, Yokohama

CINNAMON—3,000 lbs, Santa Rosa, La Libertad

CLAY—100 bgs, 11,200 lbs, Santa Rosa, Maracaibo; 4,000 sks, 200,000 lbs, Hoyanger, Buenos Aires

GROUND—175 sks, 20,160 lbs, Santa Rosa, Cartagena; (Point Lobos) 300 bgs, 29,870 lbs, Tampico; 200 sks, 10,080 lbs, Barranquilla; 200 sks, 20,000 lbs, President Wilson, Rangoon

COLOR, DRY—12,800 lbs, Rhexenor, Manila

COTTONSEED—33,330 lbs, Condor, Corinto

GAS—13,340 lbs, Chiriqui, Panama City

GASOLINE—(Macoma) 23,326 bbls, 6,088,090 lbs, Lisbon; 61,567 bbls, 16,068,990 lbs, Greece; 61,795 bbls, 16,128,500 lbs, Deroche, Valparaiso

INFUSORIAL EARTH — 592 bgs, 59,360 lbs, Santa Rosa, Havana; 140 pkgs, 8,920 lbs, Tatsuta, Yokohama; (Pacific Trader) 2,470 pkgs, 247,200 lbs, Manchester; 140 bgs, 11,200 lbs, London

KEROSENE—500 cs, 42,500 lbs, Norway, Puntarenas; 5,776 bbls, 1,646,160 lbs, Deroche, Valparaiso; 11,846 bbls, 3,376,110 lbs, Macoma, Lisbon; 600 cs, 51,000 lbs, Hidalgo, Porto Vallarta

1,000 cs, 85,000 lbs, Silveray, Sourabaya

LACQUER, THINNER—970 lbs, Santa Rosa, Santiago

METHYL CHLORIDE — 290 lbs, City of Florence, Manila

MINERAL SPT'S—30 cs, 2,550 lbs, Norway, Puntaremas

OIL, DIESEL — 7,637 bbls, 2,382,740 lbs, Shunten, Osaka; 64,289 bbls, 20,058,170 lbs, Barbro, Yokohama; 28,625 bbls, 8,931,000 lbs, Otokai, Osaka; 35,473 bbls, 11,067,580 lbs, Kyokuto, Osaka-Nagoya

FUEL—46,490 bbls, 15,481,170 lbs, Kyokuto, Osaka-Nagoya; 29,505 bbls, 9,825,170 lbs, Santa Maria, Vancouver; 40 dms, 16,650 lbs, Hidalgo, San Jose

LEMON—560 lbs, Raby Castle, Manila; 100 lbs, President Wilson, Hyogo

LUBRICATING—10 cs, 5 dms, 3,330 lbs, Norway, Puntarenas; 120 cs, 12,000 lbs, Raby Castle, Manila; 25 dms, 12,030 lbs, Hidalgo, Guaymas

PEPPERMINT — 400 lbs, Vancouver City, London

PAINT—630 lbs, Silveray, Palembang

THINNER—2,200 lbs, Raby Castle, Manila; 440 lbs, President Wilson, Shanghai

PECTIN, CITROUS—1,000 lbs, Pacific Trader, London

PETROLEUM, CRUDE—63,001 bbls, 19,656,310 lbs, Albertolite, Vancouver; 59,575 bbls, 18,587,400 lbs, Santa Marcia, Ioco

SILICATE—400 bgs, 44,000 lbs, Hoyanger, Buenos Aires

SODA ASH—(Santa Rosa) 20 bgs, 4,000 lbs, Colon; 65 bbls, 19,500 lbs, Havana; 800 sks, 80,000 lbs, Admiral Halstead, Ocean Falls; 350 bgs, 43,750 lbs, Hoyanger, Montevideo

CAUSTIC—2,530 lbs, President Wilson, Manila

TALC—100 bgs, 22,400 lbs, Raby Castle, Manila; 110 sks, 11,200 lbs, City of Florence, Manila

TOILET PREPS—1,000 lbs, Santa Rosa, Caracas; 1,500 lbs, Norway, Managua

VARNISH—310 lbs, City of Florence, Manila; 500 lbs, City of Florence, Manila

Mobile Exports

Clearance Date

Sorvangen, July 20

PINETAR—22 dms, Sorvangen, Georgetown

ROSIN, GUM—(Sorvangen) 11 dms, Port of Spain; 15 bbls, Ciudad Bolivar

WOOD—2 dms, Sorvangen, Georgetown

TURPENTINE, WOOD—3 dms, Sorvangen, Kingston

New Orleans Exports

Clearance Dates

Binta, July 3; Breedijk, July 15; Caloria, June 5; Carlton, June 2; Chester Valley, July 25; Contessa, June 30; Delaware, July 16; Gansfjord, June 17; Hagen, July 13; Kirishima, July 13; Kota Inten, June 10; Lysefjord June 2; Metapan, June 4; Montevideo, June 12; Morazan, June 4, June 18; Oakman, July 11; Port Antonio, June 10; Ragnhildsholm, June 25; Recca, July 21; Sandham, July 14; San Mateo, July 15; Santa Marta, June 1, June 11; Sinaloa, June 5; Sixaola, June 8, June 18; Sorvangen, July 18; St Mary, June 11, June 25; Tivives, June 15; Trolleholm, July 15; Wawa, June 18, 25

ACID, BORIC—1 ton, St Mary, Vera Cruz

STEARIC—100 sx, Santa Marta, Puerto Barrios

ASPHALT—20 tons, Breedijk, Rotterdam; (Delaware) 31 sx, Oslo; 25 tons, Copenhagen; (Carlton) 3 tons, Oporto; 18 tons, Barcelona

GRITS—156 sx, Delaware, Gdynia

BAKING POWDER—60 ctns, Santa Marta, Tela; 100 ctns, Sixaola, Puerto Cortez

BENZOL—29 tons, Recca, Las Palmas

BLACK, CARBON—(Breedijk) 120 tons, London; 21 tons, Antwerp; 13 tons, Rotterdam; 4 tons, Montevideo, Kobe/Yokohama/Osaka; (Ragnhildsholm) 115 cs, Gothenburg; 1 cs, Helsingfors; 100 cs, Stockholm; 10 sx, Morazan, Vera Cruz; (Kirishima) 500 sx, 150 cs, Yokohama; 6,500 sx, 80 cs, Kobe; 300 cs, Osaka; 300 ctns, Oakman, Barcelona; 100 cs, Copenhagen; (Carlton) 2 tons, Lisbon; 1 ton, Genoa; 120 sx, Chester Valley, Barcelona; 17 tons, San Mateo, Havre; 31 tons, Recca, Marseilles

EARTH—150 sx, Contessa, Havana

BORAX—3 tons, St Mary, Tampico

CALCIUM CHLORIDE—20 dms, St Mary, Tampico

CARBON BISULPHIDE—15 dms, St Mary, Tampico

NITRATE—40 sx, St Mary, Vera Cruz

CATTLE DIP—100 dms, Morazan, Vera Cruz; 10 dms, Port Antonio, Puerto Castilla

CHEMICALS—12 bbls, Santa Marta, Puerto Cortez; 1 ton, St Mary, Tampico

CLAY—440 sx, St Mary, Vera Cruz; 100 sx, Sixaola, Puerto Colombia

GROUND—27 tons, Breedijk, London

DISINFECTANT—4 dms, St Mary, Vera Cruz

DISTILLATE—(Kirishima) 2 dms, Yokohama; 5 cmp, Kobe

DRESSING, LEATHER—3 tons, St Mary, Tampico

EPSOM SALT—20 tons, St Mary, Vera Cruz

FIRECLAY—8 tons, Montevideo, Yokohama; 12 sx, Contessa, Ceiba; 2 tons, Carlton, Barcelona; 20 dms, Santa Marta, Cartagena; 11 tons, San Mateo, Havre; 98 tons, Metapan, Valparaiso; (Santa Marta) 2 tons, Cartagena; 9 tons, Puerto Colombia; (Sixaola) 4 tons, Cartagena; 25 tons, Valparaiso

GASOLINE—360 dms, Caloria, Ceiba; 4,000 tons, Binta, Copenhagen; 50 cs, 26 dms, Sinaloa, Bluefields; 100 dms, 325 cs, Port Antonio, Puerto Barrios; 10 tons, Recca, Las Palmas; 200 dms, Sorvangen, Fort de France; 25 cs, 20 dms, Gansfjord, Livingston

GLUCOSE—20 tons, Trolleholm, Stockholm

GREASE, LUBRICATING—100 bbls, Oakman, Barcelona; 29 tons, Hagen, Rotterdam; 10 cs, Sixaola, Puerto Colombia

INK—1 ton, St Mary, Vera Cruz; 7 dms, Santa Marta, Havana

INSECTICIDE—1 ton, Recca, Las Palmas

KEROSENE—80 dms, 400 cs, Lysefjord, Kingston; 25 cs, Contessa, Puerto Cabezas; 2 tons, Trolleholm, Oslo; 200 cs, Metapan, Puerto Limon; 100 cs, 2 dms, Sinaloa, Bluefields; 400 cs, Port Antonio, Kingston; 19 tons, Recca, Las Palmas; (Sorvangen) 100 cs, Kingston; 300 cs, Bridgetown; 200 cs, Tivives, Puerto Barrios; (Gansfjord) 400 cs, 80 dms, Kingston; 60 cs, Belize; 5 dms, 50 cs, Livingston

LACQUER—35 dms, St Mary, Vera Cruz

LARD—300 dms, Lysefjord, Santiago; 50 dms, Conteesa, Havana; (Metapan) 930 dms, 500 tins, 121 cs, Havana; 5 crts, Puerto Limon; 400 tins, Puerto Colombia; 20 crts, Buenaventura; 200 tins, Guayaquil; 300 dms, Port Antonio, Santiago; (Santa Marta) 300 dms, 50 crts, 500 tins, Havana; 150 tins, Panama; 50 tins, 5 crts, Puerto Limon; 100 tins, Puntarenas; 200 tins, Guayaquil; 5 tcs, Tumaco; (Gansfjord) 126 tins, Santiago; 27 tins, Belize; (Sixaola) 15 tcs, 45 crts, 1,140 dms, 550 tins, Havana; 100 tins, Panama; 20 cs, Balboa; 1,200 tins, Puerto Colombia; 20 tins, Belize

LICORICE—1 ton, St Mary, Vera Cruz

LIME—50 sks, Gansfjord, Belize

PHOSPHATE—8 bbls, St Mary, Tampico

LUBRICANTS—78 pkgs, Ragnhildsholm, Oslo

METHYLENE—15 tons, Carlton, Lisbon

OIL, COOKING—40 cs, Tivives, Puerto Barrios

COTTONSEED—6 tons, Montevideo, Kobe

CREOSOTE—10 dms, Contessa, Panama

FUEL—50 dms, Santa Marta, Tela; 1,325 bbls, Contessa, Puerto Cabezas; 25,000 bbls, Caloria, Ceiba; 73 dms, Sinaloa, Bluefields; 54 dms, Tivives, Puerto Cortez

LINSEED—6 dms, Tivives, Puerto Barrios

LUBRICATING—(Breedyk) 29 tons, Antwerp; 22 tons, Rotterdam; 33 tons, Amsterdam; (Montevideo) 71 tons, Yokohama; 35 tons, Osaka; 50 dms, Ragnhildsholm, Stockholm; 24 dms, 2 cs, 75 bbls, St Mary, Tampico; (Kirishima) 750 dms, Yokohama; 477 dms, Osaka; (Oakman) 154 bbls, Barcelona; 165 bbls, Genoa; 47 tons, Carlton, Barcelona; (Hagen) 44 tons, Hamburg; 31 tons, Hamburg transshipment; (San Mateo) 167 tons, Havre-Bordeaux; 393 tons, Bordeaux; 578 tons, Havre; 29 tons, Dunkirk; 75 tons, Antwerp; (Recca) 179 tons, Marseilles; 77 tons, Genoa; 51 dms, 27 pls, 65 ctns, Sorvangen, Kingston; 12 cs, 2 dms, Tivives, Puerto Cortez; (Sixaola) 20 dms, Havana; 2 hf dms, 14 cs, Puerto Colombia; 6 dms, Mollendo

MINERAL—(San Mateo) 6 tons, Havre-Bordeaux; 19 tons, Bordeaux; 3 tons, Havre; 69 tons, Recca, Marseilles

OLIVE—22 cs, Contessa, Ceiba

PALM—71 dms, Contessa, Ceiba

REFINED—250 cs, Sixaola, Puerto Cortez; 75 cs, Santa Marta, Puerto Limon; 250 cs, Tivives, Puerto Cortez; 30 cs, Gansfjord, Puerto Barrios

PAINT—(Contessa) 2 tons, Colon; 50 kegs, Panama City; 25 cs' Buenaventura; 16 kegs, Ceiba; 30 dms, St Mary, Vera Cruz; 2 tons, Sixaola, Puerto Barrios

PARAFFIN — 27 tons, Breedijk, London; (Hagen) 25 tons, Antwerp; 10 tons, Hamburg; (Sixaola) 250 sks, Havana; 500 sks, Puerto Colombia; 204 sks, Buenaventura

PETROLATUM—10 tons, Trolleholm, Stockholm; 42 tons, Hagen, Hamburg

PETROLEUM—6 tons, Breedijk, Rotterdam

PINETAR—4 tons, Kota Inten, Batavia; 285 bbls, Oakman, Genoa; 11 tons, Recca, Leghorn; 5 dms, Sorvangen, Georgetown

ROSIN—14 tons, Breedijk, Rotterdam; 250 bbls, Ragnhildsholm, Gothenburg; 2 bbls, Lysefjord, Belize; 34 tons, Sandhamn, London; 150 dms, Contessa, Talcahuano; 10 dms, Trolleholm, Gothenburg; (Kirishima) 800 bbls, Yokohama; 50 bbls, Osaka; (Metapan) 95 dms, Puerto Limon; 150 bbls, 130 dms, Puerto Colombia; 20 dms, Buenaventura; (Hagen) 23 tons, London; 226 tons, Hamburg-Rotterdam; 110 dms, Sixaola, Buenaventura

GUM—150 dms, Contessa, Valparaiso; (Metapan) 10 bbls, Panama; 200 sks, 100 bbls, Cartagena; (Santa Marta) 80 bbls, Cartagena; 76 sks, 200 bbls, 50 dms, Puerto Colombia; 100 dms, 120 bbls, Sixaloa, Cartagena

WOOD—(Santa Marta) 5 dms, Havana; 100 bbls, Panama; 7 tons, San Mateo, Antwerp; (Sixaola) 10 dms, Puerto Limon; 80 dms, Cartagena

SALT—1 ton, Lysefjord, Kingston; (Contessa) 45 tons, Havana; 1 ton, Puerto Cabezas; (Metapan) 25 tons, Havana; 22 tons, Cristobal; 3 tons, Sinaloa, Bluefields; 1 ton, Port Antonio, Puerto Castilla; 12 tons, Tivives, Puerto Barrios; 30 tons, Sixaola, Havana; 44 tons, Gansfjord, Belize

SCOURING COMP—75 cs, Lysefjord, Kingston; 75 cs, Gansfjord, Kingston

SOAP—50 dms, Ragnhildsholm, Gothenburg; 100 cs, Contessa, Puerto Cabezas

SOAPSTOCK, COTTONSEED—10 dms, Tivives, Puerto Barrios

SODA, ASH—25 bbls, Contessa, Colon

BISULPHITE—29 bbls, St Mary Tampico

CAUSTIC—25 cs, St Mary, Tampico; 30 dms, Wawa, Alvaro Obregon

NITRATE—10 sks, Sixaola, Cristobal

SOYBEAN CAKE—252 tons, Breedijk, Antwerp

FLOUR—30 sks, Ragnhildsholm, Oslo; 2 tons, Trolleholm, Oslo

MEAL—302 tons, Hagen, Antwerp

STARCH—900 sks, Morazan, Vera Cruz

SULPHUR—1,215 sks, St Mary, Vera Cruz; 800 sks, Morazan, Vera Cruz

TALLOW—10 tcs, Metapan, Havana

TRIPOLI—74 tons, San Mateo, Havre

TURPENTINE—1 ton, Kota Inten, Singapore; 1 dm, 5 cs, Lysefjord, Belize; 1 ton, Sandhamn, London; 100 cs, Contessa, Valparaiso; 63 dms, 15 cs, Santa Marta, Havana

VARNISH—5 dms, St Mary, Vera Cruz

WATERPROOF COMP—20 dms, Sorvangen, San Fernando

WAX—(Santa Marta)600 sks, Puerto Barrios; 125 sks, Puerto Cortez; (Metapan) 12 sks, Havana; 429 sks, Corinto; (Carlton) 51 tons, Oporto; 505 tons, Genoa; 150 sks, Gansfjord, Santiago

Philadelphia Exports

Clearance Dates

Argosy, July 18; Artigas, July 20; Black Heron, July 20; Collingsworth, July 21; Exchange, July 23; Fagersten, July 18; Jeff Davis, July 17; Jefferson Myers, July 18; Manchester Exporter, July 17; Maron, July 20; Naruto, July 16; Sanyo, July 20; Spaarndam, July 17; Winkler, July 16.

ALUMINA SULPHATE—(Jefferson Myers) 100 bgs, Tulua; 100 bgs, Cartagena
ANTI-KNOCK COMP—1 dm, Exchange, Marseilles
BENZOL—845,279 gls, Winkler, Antwerp
BLACK, BONE—28 bgs, Argosy, Gothenburg
CARBON—30 dms, 42 bgs, Naruto, Osaka
CEMENT, FIBRE—1 dm, Black Heron, Antwerp
RUBBER—(Black Heron) 2 dms, Amsterdam; 3 dms, Antwerp
CHEMICALS—84 dms, Manchester Exporter, Liverpool
CLEANING COMP—2 cs, 5 crtns, Jefferson Myers, Panama City
COALTAR PRODUCTS—12 dms, Manchester Exporter, Manchester
COCOA CAKE—784 bgs, Spaarndam, Amsterdam
COTTON LINTERS—100 bls, Exchange, Genoa
DISINFECTANT—10 dms, Jefferson Myers, Panama City
DRUGS—19 crtns, Jefferson Myers, Panama City
DYEWOOD EXTRACT—45 cs, Manchester Exporter, Liverpool
GAS, COMPRESSED—5 cyls, Manchester Exporter, Huddersfield
GASOLINE—12,497 gls, Winkler, Antwerp
GREASE—4 dms, 1 pail, Black Heron, Antwerp
LUBRICATING—10 bbls, Winkler, Antwerp; 40 dms, Argosy, Copenhagen; (Spaarndam) 2 pkgs, Amsterdam; 12 dms, Rotterdam; 1 dm, 2 kgs, 5 cs, Manchester Exporter, Manchester; 60 dms, 1 cs, Sanyo, Yokohama; 34 cs, Jefferson Myers, Bogata; 20 pails, Maron, Bangkok
PETROLEUM—1 dm, Manchester Exporter, Liverpool
INSECTICIDE—12 crtns, 10 dms, Jefferson Myers, Panama City
LACQUER PYROXYLIN—2 kits, 1 dm, Argosy, Stockholm
LICORICE EXTRACT—9 dms, Manchester Exporter, Liverpool
MASS—60 cs, Spaarndam, Rotterdam, 80 cs, Manchester Exporter, Liverpool
LINSEED CAKE—945 bgs, Artigas, Liverpool
MEAL—(Fagersten) 200 bgs, Georgetown; 4,050 bgs, Bridgetown; 1,050 bgs, Port of Spain
MANGANESE ORE CONC—28 bbls, Spaarndam, Amsterdam
MATCHES—SAFETY—1 pkg, Winkler, Antwerp
MEDICINAL PREPS—1 pkg, Spaarndam, Rotterdam
NAPHTHA—2 dms, Argosy, Stockholm; 2 dms, Manchester Exporter, Gargrave
OIL PRIMER—17 bxs, Argosy, Stockholm
OIL—(Black Heron) 1 dm, Amsterdam; 1 dm, Antwerp; (Artigas) 115 bbls, Manchester; 50 bbls, Glasgow
ENGINE—100 dms, Sanyo, Osaka; 40 bbls, Artigas, Dublin
LUBRICATING—(Naruto) 7 pkgs, Yokohama; 238 dms, 2 bbls, Osaka; 100 pkgs, Tientsin; (Winkler) 124,881 gls, 8,501 bbls, Antwerp; 25,459 bbls, Hamburg; 25 pkgs, Argosy, Helsingfors; (Jeff Davis) 208 pkgs, Sydney; 5 dms, 5 pkgs, Melbourne; 60 dms, 1,027 pkgs, Fremantle, 704 pkgs, Brisbane, 5 pkgs, Port Pirie; 488 pkgs, Port Adelaide; 30 pkgs, Townsville; 8 pkgs, Rockhampton; 65 bbls, Spaarndam, Rotterdam; (Manchester Exporter) 35 dms, 53 bbls, Liverpool; 1 cs, 115 bbls, 64 dms, Manchester; 180 pkgs, 25 bbls, Birkenhead; (Sanyo) 250 dms, 4 cs, Yokohama; 70 dms, Osaka; 250 dms, Kobe; (Jefferson Myers) 361 crtns, Callao; 6 dms, Mollendo; 12 dms, Medellin; 54 crtns, Bucaramanga; 61 cs, Bogata; 17 cs, San Jose; 65 bbls, Artigas, Belfast; (Maron) 85 dms, 484 pkgs, Penang; 189 pkgs, Port Swettenham; 437 pkgs, Singapore; 102 dms, 127 pkgs, Bangkok; 15 dms, 65 pkgs, Samarang; 30 dms, 75 pkgs, Sourabaya; 5 pkgs, Padang; 162 pkgs, Palembang; 10 pkgs, Batavia; 5 pkgs, Sibolga; 5 pkgs, Macassar; 28 bbls, Exchange, Genoa
NEATSFOOT—5 bbls, Spaarndam, Amsterdam; 3 bbls, Manchester Exporter, Bradford
PAINT—32 bxs, Argosy, Stockholm; (Black Heron) 1 cs, 6 dms, 34 pails, Amsterdam; 1 cs, 19 dms, 3 pails, Antwerp
ENAMEL—21 bxs, Argosy, Stockholm
PARAFFIN—1,680 pkgs 126 bbls, Manchester Exporter, Manchester; 611 bgs, Sanyo, Dairen; (Artigas) 131 bbls, Dublin; 210 bbls, Belfast
POLISH, AUTO—9 bxs, Argosy, Stockholm; (Black Heron) 1 pail, Amsterdam; 1 pail, Antwerp
FURNITURE—12 crtns, Jefferson Myers, Panama City
METAL—8 crtns, Jefferson Myers, Panama City
SHOE—18 cs, Jefferson Myers, Panama City
RUBBER SOL—10 dms, Argosy, Gothenburg
RUBBING COMPOUND—4 bxs, Argosy, Stockholm
SAND, FILTER—25 dms, Sanyo, Koke
SOAP—2 dms, Jefferson Myers, Panama City
LAUNDRY—300 bxs, Artigas, Manchester
SODA ASH—3 bbls, Jefferson Myers, Guatemala
SILICATE—6 bbls, Manchester Exporter, Manchester
TANNING COMP—3 bbls, 2 tins, Spaarndam, Amsterdam
MATERIAL—15 bbls, Jeff Davis, Melbourne; 2 bbls, Jefferson Myers, Lima
TOLUOL—1,952,259 lbs, Winkler, Antwerp
VARNISH—1 dm, Manchester Exporter, Liverpool
WAX—(Artigas) 294 bbls, Manchester; 129 bbls, Glasgow

Port Arthur Exports

Clearance Dates

Ario, July 10; Europe, July 9; Shenandoah, July 11; Tapanoeli, July 14; Velma Lykes, July 15

ASPHALT—(Europe) 49 dms, Stockholm; 37 bbls, Malmo; 5 dms, Gothenburg; (Shenandoah) 200 dms, 35 cs, Rio de Janeiro; 30 dms, 4 bxs, Santos
LIQUID—20 cs, Europe, Stockholm; (Velma Lykes) 1 bx, Arecibo; 1 dm, 2 bxs, San Juan
SOLID—(Velma Lykes) 2 dms, Arecibo; 35 dms, San Juan
DRESSING, WAX—10 cs, Velma Lykes, San Juan
GASOLINE—91,792 bbls, Europe, Stockholm/Malmo/Gothenburg; (Shenandoah) 37,910 bbls, Rio de Janeiro; 16,000 bbls, Santos; 10 bbls, Velma Lykes, Guayanilla
GREASE, LUBRICATING—(Europe) 70 dms, 115 cs, Stockholm; 79 dms, 40 cs, Malmo; 44 dms, 40 cs, Gothenburg; (Shenandoah) 38 bbls, 245 cs, Rio de Janeiro; 7 bbls, 1 hf bbls, 60 dms, 95 cs, Santos; (Velma Lykes) 1 dm, 2 cs, Arecibo; 10 dms, Ponce; 14 dms, 61 cs, 10 pls, San Juan
KEROSENE—11,682 bbls, Europe, Stockholm/Malmo/Gothenburg; 300 cs, Shenandoah, Rio de Janeiro; (Velma Lykes) 1,000 cs, Aguadilla; 815 cs, Arecibo; 1,510 cs, Mayaguez; 1,500 cs, Ponce; 350 cs, Fajardo; 1,510 cs, San Juan
OIL, DIESEL GAS—(Shenandoah) 2,923 bbls, Rio de Janeiro; 5,000 bbls, Santos
FUEL—36,866 bbls, Ario, Cristobal
LUBRICATING—(Europe) 195 cs, Stockholm; 42 dms, 137 cs, Malmo; 92 dms, 92 cs, Gothenburg; (Shenandoah) 5,007 bbls, 270 dms, 929 cs, Rio de Janeiro; 645 cs, 315 dms, 163 bbls, Santos; 6,531 bbls, Tapanoeli, Calcutta; (Velma Lykes) 2 dms, 10 cs, Aguadilla; 1 dm, 2 cs, Arecibo; 3 dms, 3 cs, Mayaguez; 119 dms, 20 cs, Ponce; 1 dm, 1 cs, Fajardo; 25 dms, Guayanilla; 25 dms, Puerto Cabello; 63 dms, 114 cs, San Juan
POLISH, AUTO—5 cs, Europe, Malmo
SOLVENTS, PAINT—200 dms, Shenandoah, Rio de Janeiro; (Velma Lykes) 3 cs, Arecibo; 15 cs, San Juan

San Francisco Exports

Clearance Dates

Athelcrown, July 9; Chiriqui, July 9; Condor, July 3; Emma Alexander, July 7; Genots, July 6; Heimvard, July 3; Kingsley, July 6; Nebraska, July 3; Norway, July 6; Pegasus, July 3; Point Lobos, July 8; President Hayes, July 3; Santa Rosa, July 10; Vancouver City, July 9; Weser, July 3; Willboro, July 2; Willmoto, June 24; Yelyo, July 3

ABRASIVE PAPER—1 crt, President Hayes, Shanghai
ACID, FATTY—140 sks, Weser, Guayaquil; 160 bls, Norway, Costa Rica; 125 bls, Santa Rosa, Panama
NITRIC—1 bbl, Santa Rosa, Havana
SALICYLIC—7 cs, President Hoover, Penang
STEARIC—100 sks, Condor, Amapala
SULPHURIC—3 crbys, Condor, Amapala
ALCOHOL—10 dms, Kingsley, Victoria
AMMONIA, ANHYD—100 cyls, Point Lobos, Tampico
PHOSPHATE—2 sks, Condor, Guatemala City
SULPHATE—1 bg, Condor, Guatemala City
ANISE—1 bg, Condor, Amapala
ASPHALT—(Condor) 100 bls, Corinto; 247 dms, Callao; (President Hayes) 140 dms, 1 cs, Bombay; 100 dms, Hongkong; 1,556 dms, Penang; (Willmoto) 15 dms, San Juan; 30 dms, Ponce
COMPOUND—4 kegs, 3 cs, Condor, San Jose de Guatemala
GRITS—56 sks, Nebraskan, England
SOLID—145 bbls, President Hayes, Colombo
BAKING POWDER—(Condor) 3 cs, Managua; 7 cs, Amapala
BENZOLENE—45 dms, Heimvard, Freemantle
BITUMEN, MINERAL—188 bbls, Vancouver City, England
BLACK, EARTH—100 sks, Kingsley, Vancouver
BLEACHING POWDER—3 dms, Santa Rosa, La Libertad
BLUE, LAUNDRY—1 cs, Santa Rosa, Guatamala City
BONEMEAL—700 sks, Kingsley, Vancouver
BORAX, POWD—100 kegs, Chiriqui, Puerto Colombia
BRONZE POWDER—8 dms, President Hayes, Manila
CALCIMINE—(Condor) 13 cs, San Jose de Guatemala; 4 cs, Champerico; 50 cs, Heimvard, Noumea
CAMPHOR—10 cs, Condor, Manzanillo
CANARY SEED—5 cs, Santa Rosa, La Libertad
CARBON BISULPHIDE—2 dms, Condor, La Libertad
TETRACHLORIDE—2 cs, Kingsley, Vancouver
CATALYST RESIDUE—71 dms, Weser, Germany
CEMENT, LINOLEUM—5 cs, Condor, Callao
ROOF—(Condor) 3 cs, San Jose de Guatemala; 2 cs, Callao; 1 cs, Champerico; 1 cs, President Hayes, Al Khobar
CHEMICALS—(Condor) 1 dm, Amapala; 2 cs, San Jose de Guatemala; 3 cs, President Hayes, Shanghai
CINNAMON—(Condor) 2 bls, San Jose de Guatemala; 10 bls, Tegucigalpa; 4 bls, Amapala; 5 bls, Santa Rosa, San Salvador
CLAY—7,200 sks, Condor, Talara
CLEANER, GLASS—2 bbls, Kingsley, Vancouver
CLEANING FLUID—5 cs, President Hayes, Bahrein
CLEANSER, HOUSEHOLD—3 pkgs, Condor, Amapala; (President Hayes) 8 cs, Bahrein; 2 cs, Al Khobar
CLOVES—4 sks, Condor, San Juan del Sur; 2 bls, Santa Rosa, La Libertad
COCONUT, DESIC—1 cs, Santa Rosa, Huanuni
COLORS, DRY—(Condor) 4 bbls, Guadalajara; 2 bbls, Manzanillo; 4 kgs, 20 bbls, President Hayes, Kobe; (Kingsley) 1 bbl, Victoria; 2 kgs, Vancouver; 83 cs, Willmoto, San Juan; 28 kgs, 153 cs, 4 dms, Willboro, San Juan
PASTE—1 cs, Santa Rosa, La Libertad
CUMIN SEED—5 sks, Condor, Amapala
DISINFECTANT—1 cs, Santa Rosa, Guatemala City
DYESTUFFS—20 dms, Condor, Manzanillo
FISHMEAL—200 sks, President Hayes, Manila
FLUX—1 dm, 4 pls, President Hayes, Hongkong
FORMALDEHYDE—1 cs, Condor, Antofagasta
GASOLINE—(Condor) 2,500 dms, 500 cs, Puntarenas; 25 dms, San Jose de Guatemala; (Heimvard) 5,000 bbls, Rockhampton; 2,200 dms, 4,175 cs, Noumea; 100,600 bbls, Genota, Lands End for orders
AVIATION—2,105 bbls, Pegasus, Sydney/Melbourne
GLUE—1 cs, Heimvard, New Caledonia
GLYCERIN—4 cs, Santa Rosa, Cartagena
GREASE, CUP—3 cs, Kingsley, Vancouver
LUBRICATING—1 kg, 3 pls, 28 dms, 53 cs, 88 pls, Kingsley, Vancouver; 8 dms, 30 pls, Santa Rosa, Mazatlan; 7 dms, 2 cs, 105 pls, Condor, Manzanillo; (President Hayes) 10 dms, Manila; 20 cs, Singapore; 28 dms, Heimvard, Freemantle
MINERAL—1 cs, President Hayes, Bahrein; 1 cs, Emma Alexander, Vancouver
SHOE—1 cs, Heimvard, New Caledonia
HOPS—33 cs, President Hayes, Hongkong
INK—1 cs, Heimvard, New Caledonia; 1 cs, Santa Rosa, Ibague
PRINTING—81 dms, Condor, Valparaiso; (President Hayes) 12 dms, Singapore; 8 dms, 4 pls, Singapore; 4 dms, Kingsley, Victoria
INSECTICIDE—1 cs, Heimvard, Noumea
HOUSEHOLD—5 bbls, Kingsley, Vancouver
LIQUID—12 cs, President Hayes, Bahrein; 30 cs, Santa Rosa, San Jose de Guatemala
KELP MEAL—35 sks, President Hayes, Hongkong
KEROSENE—42,696 bbls, Yelvo, Dairen; 2,076 bbls, Pegasus, Sydney-Melbourne
LACQUER—(President Hayes) 2 cs, Hongkong; 8 cs, 5 kgs, Calcutta; 3 cs, Santa Rosa, Ancon
LARD, SUBSTITUTE—1 cs, Santa Rosa, Huanuni
VEGETABLE—(Santa Rosa) 200 tins, Panama City; 47 cs, 6 tins, Santa Rosa, Cristobal
LEAD, CAULKING—(President Hayes) 2,395 lbs, Bahrein; 1,200 lbs, Al Khobar
RED, DRY—8 bbls, Condor, Mexico City
WHITE—10 kgs, 2 cs, Condor, Champerico
LEMON EXTRACT—1 cs, President Hayes, Bahrein
LIGHTER FLUID—12 cs, Kingsley, Vancouver
LYE—1 cs, Condor, Amapala; 1 cs, President Hayes, Bahrein
MEDICINAL PREPS—3 cs, Condor, Manzanillo; (President Hayes) 21 cs, Bombay; 6 cs, Hongkong; 11 pkgs, Madras; 2 cs, Kingsley, Vancouver
METHYL CHLORIDE—1 cyl, President Hayes, Manila
MOTOR SPIRITS—100,006 bbls, Pegasus, Sydney-Melbourne
MUSTARD—50 cs, President Hayes, Manila
POWDER—5 cs, Santa Rosa, Guatemala
NAPHTHA—90 dms, Heimvard, Freemantle
NUTMEGS—2 sks, Santa Rosa, La Libertad
OIL, AXLE—3,039 bbls, Pegasus, Sydney-Melbourne
BATCHING—1,033 bbls, Pegasus, Sydney-Melbourne
COCONUT—100 dms, Nebraska, Chile; 20 dms, Condor, Callao; 7 dms, Santa Rosa, Guatemala
DIESEL—(Condor) 45 dms, Amapala; 20 dms, Cutuco; 23 dms, Champerico; 17 dms, San Jose de Guatemala; 14,032 bbls, Athelcrown, Kawasaki
FISH—1 cs, 1 kg, Condor, San Jose de Guatemala
FISH, FLAKED—200 sks, Condor, San Jose de Guatemala
FISH, HARD—200 sks, Condor, San Jose de Guatemala; 9 sks, Weser, Guayaquil; (Santa Rosa) 100 sks, Puerto Colombia; 125 bls, Panama City
LINSEED—2 dms, Santa Rosa, La Libertad
LINSEED, BOILED—1 dm, President Hayes, Shanghai
LUBRICATING (Condor) 287 dms, 73 cs, 100 pls, Manzanillo; 8 dms, Puntarenas; 8 dms, La Union; 5 cs, Champerico; (President Hayes) 10 dms, Bangkok; 139 dms, Singapore; 20 dms, 40 cs, Manila; 105 dms, Bombay; (Heimvard) 557 dms, Freemantle; 110 dms, 390 cs, Noumea; 2,064 bbls, Pegasus, Sydney-Melbourne; 1 cs, Weser, Germany; 2 cs, 36 dms, Kingsley, Vancouver; 45 dms, 25 cs, 33 pls, 30 qrt dms, Santa Rosa, Mazatlan
PALM—20 dms, Condor, Puntarenas; 1 dm, Santa Rosa, La Libertad
SALAD—(President Hayes) 23 cs, Shanghai; 6 cs, Al Khobar
SARDINE, VITAMIN-TESTED—15 cs, President Hayes, Manila
SOAP—15 dms, Santa Rosa, Colon
SOYBEAN—(Santa Rosa) 7 cs, La Paz; 7 cs, Arica
VEGETABLE—10 cs, President Hayes, Bahrein
OXYGEN—18 cyls, Condor, Corinto; 15 cyls, Chiriqui, Puerto Armuelles
PAINT—(Condor) 36 cs, 8 dms, 14 kgs, San Jose de Guatemala; 126 cs, Champerico; 5 dms, 24 cs, 40 kgs, President Hayes, Manila; 18 cs, Emma Alexander, Vancouver; (Santa Rosa) 13 cs, 10 pls, Colon; 10 pls, Callao; 9 cs, La Libertad; 1 cs, Ancon; 53 cs, Willmoto, San Juan; 1 dm, 27 cs, Willboro, San Juan
COLDWATER—51 cs, Heimvard, Noumea
ENAMEL—1 dm, 8 pls, Condor, Mexico City; 3 kgs, Condor, San Jose de Guatemala 1 cs, Santa Rosa, Ancon; 4 cs, Navajos
LIQUID—2 cs, Heimvard, Noumea
PASTE—1 cs, Condor, San Jose de Guatemala
PREPARED—36 cs, Condor, San Jose de Guatemala; 14 cs, President Hayes, Shanghai; 1 cs, Heimvard, New Caledonia; 94 cs, 6 dms, Santa Rosa, Havana; 2 dms, 11 cs, Santa Rosa, Santiago
REMOVER—4 cs, Condor, San Jose de Guatemala
THINNER—3 pls, Santa Rosa, Ancon; 2 pls, Condor, Mexico City
PARAFFIN—250 sks, Santa Rosa, Callao
PASTE, SOLDER—1 pkg, President Hayes, Al Khobar
PECTIN, FRUIT—(President Hayes) 1 cs, Shanghai; 1 cs, Dairen; 1 cs, Santa Rosa, Guatemala City
PEPPER—20 sks, Nebraska, England; 10 sks, Condor, San Juan del Sur
BLACK—(Condor) 1 bg, San Jose de Guatemala; 5 sks, Amapala; 6 sks, Tegucigalpa; 5 sks, La Libertad
PERFUMERY—1 cs, Kingsley, Vancouver
PETROLEUM—100 dms, President Hayes, Kobe; 150 dms, Heimvard, Fremantle
CRUDE—100,000 bbls, Athelcrown, Kawasaki
REFINED—1,300 cs, Heimvard, Noumea; 172,349 gls, Pegasus, Sydney-Melbourne
POLISH, AUTO—3 cs, Heimvard, Noumea
FURNITURE—2 cs, Condor, San Jose de Guatemala; 10 cs, President Hayes, Bahrein
METAL—2 cs, President Hayes, Bahrein
PRESERVATIVE—4 dms, Condor, San Jose de Guatemala
PRIMING SOL—2 dms, 2 cs, President Hayes, Colombo
POTASH COMP—2 cs, President Hayes, Shanghai
ETHYL XANTHATE—1 dm, Nebraska, England
XANTHATE—18 dms, Weser, Gothenburg
PUTTY—6 kgs, President Hayes, Manila
QUICKSILVER—1 cs, Chiriqui, Buenaventura
SALT—50 cs, President Hayes, Manila
SOAP—9 cs, Weser, Germany; 300 cs, Willmoto, Ponce
SOAP, GRANULATED—5 cs, President Hayes, Bahrein
LAUNDRY—(President Hayes) 1 cs, Shanghai; 4 cs, Tientsin; 5 cs, President Hayes, Bahrein
POWDER—4 cs, President Hayes, Bahrein; 1 cs, Santa Rosa, Huanuni
PUMICE—5 cs, President Hayes, Bahrein
SCOURING—3 cs, Condor, Managua
TOILET—(President Hayes) 20 cs, Bahrein; 1,500 cs, Shanghai; 1 cs, Al Khobar
SODA—5 cs, President Hayes, Harbin
ASH—5 sks, Santa Rosa, La Libertad
BICARBONATE—1 cs, Condor, Amapala
CARBONATE, CRYST—20 sks, Santa Rosa, Colon
CAUSTIC—10 dms, Condor, Amapala
ETHYL XANTHATE—200 dms, Kingsley, Kimberley
HYDROXIDE—3 dms, Santa Rosa, Colon
SILICATE—4 dms, Condor, Amapala
SOLVENT—4 dms, Condor, Mexico City
BATHROOM—2 cs, President Hayes, Bahrein
DRAIN-PIPE—2 cs, President Hayes, Bahrein
SULPHUR—(Kingsley) 40 sks, Agassis; 40 sks, Sardia
STAIN REMOVER—1 cs, President Hayes, Hongkong; 1 cs, Santa Rosa, Mazatlan
STARCH, CORN—5 cs, President Hayes, Singapore
STEARIN, FLAKE—50 sks, Weser, Germany
TALC—46 sks, Santa Rosa, Barranquilla
TALLOW—6 dms, Santa Rosa, San Jose de Guatemala; 20 dms, Condor, Amapala
INEDIBLE—25 dms, Santa Rosa, Cartagena
TANBARK, OAK—823 sks, President Hayes, Osaka
TAPIOCA—10 sks, Chiriqui, Guayaquil
TOILET PREPS—(President Hayes) 1 cs, Singapore; 1 cs, Bombay; 2 cs, Santa Rosa, San Salvador
TURPENTINE, SPT'S—1 cs, Chiriqui, Buenaventura
VANILLA BEANS—10 cs, Weser, Germany
EXTRACT—1 cs, Weser, Germany; 1 cs, Chiriqui, Callao
VARNISH—(Condor) 7 cs, San Jose de Guatemala; 2 cs, 4 kegs, Champerico; 5 dms, President Hayes, Manila; (Santa Rosa) 4 cs, Havana; 4 cs, La Libertad; 2 cs, Santiago; 5 cs, Guayaquil
REMOVER—1 cs, Condor, Amapala; 1 cs, Santa Rosa, Havana
WASHING POWDER—1 cs, Santa Rosa, Huanuni
WATER, MINERAL—200 cs, President Hayes, Manila
WAX, FLOOR—1 cs, Santa Rosa, Guatemala City
YEAST—1 pkg, Condor, Amapala; 3 cs, President Hayes, Manila
ZINC DUST—20 cs, Condor, La Union
OXIDE—600 bbls, President Hayes, Manila

Savannah Exports

Clearance Dates

Buffalo Bridge, July 21; Gard, July 22; Niel Maersk, July 20; Port Auckland, July 21; San Marcos, July 22; Siamese Prince, July 25

ACID, BATTERY—110 lbs, Gard, Havana
AMMONIA SULPHATE—1 sk, Buffalo Bridge, Cristobal
OIL, PINE—(Niel Maersk) 17 dms, Chinnampo; 2 dms, Manila; 5 dms, Port Auckland, Melbourne
POTASH—136 lbs, Gard, Havana
ROSIN, GUM—(Niel Maersk) 850 bbls, Yokohama; 777 bbls, Osaka; (Port Auckland) 85 bbls, Brisbane; 40 dms, 1,042 bbls, Sydney; 561 bbls, Melbourne; 10 bbls, Perth; 30 bbls, Fremantle; 181 bbls, Adelaide; 120 dms, 4 bbls, Buffalo Bridge, Valparaiso; 20 dms, San Marcos, Guayaquil; 125 bbls, Siamese Prince, Shanghai
WOOD—(Niel Maersk) 10 bbls, Kobe; 50 dms, 100 bbls, Osaka; (Port Auckland) 5 dms, Brisbane; 75 dms, Sydney
SODA NITRATE—269 tons, Gard, Havana
SUPERPHOSPHATE—3,134 tons, Gard, Havana
TURPENTINE GUM—200 dms, 600 cs, Niel Maersk, Yokohama; (Port Auckland) 35 dms, 325 cs, Brisbane; 479 dms, 1,275 cs, Sydney; 300 pls, 563 dms, 1,430 cs, Melbourne; 50 cs, Perth; 35 cs, Fremantle; 140 pls, 68 dms, 195 cs, Adelaide; 10 dms, 100 Buffalo Bridge, Valparaiso; 50 dms, San Marcos, Valparaiso
WOOD—25 dms, Niel Maersk, Osaka; (Port Auckland) 5 dms, 400 pls, Brisbane; 100 pls, Sydney; 100 pls, Melbourne; 50 dms, Adelaide; 100 pls, Fremantle; 16 cs, San Marcos, Manila

Tampa Exports

Clearance Dates

Chemnitz, July 20; Hindpool, July 17; Meanticut, July 16

PHOSPHATE—2,524 tons, Meanticut, Pasages; 2,059 tons, Chemnitz, Hamburg; 8,024 tons, Hindpool, Garston

Coastwise Shipments

Corpus Christi Coast Trade

PETROLEUM, CRUDE—49,843 bbls, Thermo, Texas City; 71,894 bbls, Oregon, Port Arthur; 26,663 bbls, Alabama, Port Arthur; 73,990 bbls, Derbyline, Port Arthur; 139,097 bbls, Charles G Black, Baytown

Los Angeles Coast Trade

GASOLINE—5,355 bbls, S & C No 41, San Diego; 25,132 bbls, Warwick, San Diego; 18,147 bbls, La Purisima, Oleum; 55,711 bbls, Arizona, Seattle; 75,000 bbls, Mojave, Seattle; 75,026 bbls, Lebec, Portland; 72,253 bbls, Agwiworld, Seattle; 44,457 bbls, Warwick, San Francisco; 7,013 bbls, Emidio, Seattle; 909 bbls, S & C No 41, San Diego; 2,996 bbls, S & C No 41, San Diego; 10,521 bbls, Tejon, Portland; 112,189 bbls, Brilliant, New York
KEROSENE—719 bbls, S & C No 41, San Diego
OIL, DIESEL—372 bbls, S & C No 41, San Diego; 3,500 bbls, Mojave, Seattle; 9,682 bbls, Agwiworld, Seattle; 309 bbls, S & C No 41, San Diego
FUEL—68,513 bbls, Emidio, Davenport; 8,600 bbls, Mojave, Seattle; 8,716 bbls, Lebec, Portland; 61,264 bbls, Emidio, Seattle; 58,967 bbls, Tejon, Portland
PETROLEUM, CRUDE—34,172 bbls, La Purisima, Oleum

New Orleans Coast Trade

OIL, OLIVE—15 dms, Oakman, Houston
PAPRIKA—25 cs, 50 bgs, Oakman, Houston
SULPHUR, CRUDE—(Henry D Whiton) 1,200 tons, Longview; 2,000 tons, Everett

San Francisco Coast Trade

ACID, BORIC—18 tons, Nebraskan, New York
11 tons, Lillian Luckenbach, Boston
ALCOHOL—75 dms, Wapama, Los Angeles
ALUMINA SULPHATE—20 tons, Point San Pedro, Los Angeles
AMMONIA—53 tons, Hamlin F McCormick, Tacoma
APRICOT KERNELS—10 tons, Nevadan, New York
ASPHALT—90 bbls, Point San Pablo, Tacoma
79,000 bbls, D G Schofield, Baltimore
15 tons, James Griffiths, Seattle
150 tons, Munami, Portland, Ore
BLUESTONE—15 tons, James Griffiths, Seattle
BRISTLES—208 cs, American Traveler, New York
80 cs, American Traveler, Philadelphia
CASSIA, BROKEN—200 sks, American Traveler, New York
CHEMICALS—4 cs, Point Lobos, Houston
CHLORINE BLEACH, LIQUID—600 pkgs, Ernest H Meyer, Portland, Ore
1,500 cs, Point San Pablo, Seattle
650 cs, Nebraskan, Charleston
500 cs, Point Lobos, Galveston
COCONUT, DESIC—363 cs, Willboro, Savannah
250 cs, Willboro, Baltimore
360 cs, President Hoover, Los Angeles
11 tons, San Vincente, Jacksonville
27½ tons, San Vincente, Savannah
139 cs, and 175 tons, American Traveler, New York
200 cs, Nebraskan, Philadelphia
488 cs, Nevadan, Norfolk
370 cs, Nevadan, Philadelphia
3,107 cs, Lillian Luckenbach, New York
225 cs, Lillian Luckenbach, Boston
734 cs, Lillian Luckenbach, Philadelphia
DOGTAIL SEED—5 sks, Ernest H Meyer, Portland, Ore

EGG YOLK, HEN, DRIED—270 cs, American Traveler, New York
ETHYLENE DIBROMIDE—28 tons, Nebraskan, Philadelphia
GLUE, DRY—18 tons, San Vincente, Norfolk
22 tons, American Traveler, New York
23 tons, Nebraskan, Philadelphia
GUM COPAL—381 sks, American Traveler, New York
67 sks, Nevadan, New York
ELEMI—100 cs, American Traveler, New York
LARD, VEGETABLE—35 tons, Willboro, Jacksonville
35 tons, Willboro, Baltimore
LEAD, WHITE—18 tons, San Vincente, Brooklyn
LIME—1,200 sks, Point San Pablo, Seattle
LITHOPONE—12 tons, Hamlin F McCormick, Seattle
LUBRICANT—5 cs, Point Lobos, Houston
MAGNESITE—260 tons, Nevadan, Philadelphia
40 tons, Lillian Luckenbach, New York
MENTHOL—50 cs, Nebraskan, Philadelphia
MILK POWDER—22 tons, American Traveler, New York
41 tons, Nebraskan, Philadelphia
20 tons, Lillian Luckenbach, New York
OIL—200 pkgs, Ernest H Meyer, Long View
400 pkgs, Point San Pablo, Seattle
6,000 bbls, James Griffiths, Tacoma
30 tons, Munami, Portland, Ore
3,800 bbls, Admiral Laws, Seattle
CASSIA—20 dms, American Traveler, New York
CHINAWOOD—21 tons, Nebraskan, New York
13 tons, Nebraskan, Philadelphia
COCONUT—1 cs, Point San Pedro, Los Angeles
LUBRICATING—200 tons, Admiral Wiley, Seattle
637 cs, 45 dms, 6 hlf dms, 6 qtr dms, Panaman, Portland
325 dms, Wapama, Los Angeles
PERILLA—299 dms, Lillian Luckenbach, New York
450 dms, Lillian Luckenbach, Philadelphia
OLEOMARGARIN—370 pkgs, Paul Luckenbach, Portland, Ore
PAINT—50 dms, Point San Pablo, Seattle
14 tons, Hamlin F McCormick, Seattle
DRY EARTH—4 bbls, 5 sks, 5 cs, Panaman, Portland, Ore
DRYER—25 tons, Nevadan, Port Newark
REDUCING COMP—13 tons, Nebraskan, Philadelphia
PECTIN, FRUIT—900 cs, Panaman, Portland, Ore
POTASH—700 sks, Ernest H Meyer, Portland, Ore
PRUNE CONCENTRATE—17 tons, American Traveler, New York
SALT—900 pkgs, Ernest H Meyer, Long View
4,000 pkgs, Ernest H Meyer, Portland, Ore
1,800 pkgs, Point San Pablo, Tacoma
400 sks, Point San Pablo, Port Townsend
2,000 pkgs, Point San Pablo, Seattle
1,100 sks, Point San Pablo, Seattle
65 tons, Munami, Portland, Ore
45 tons, Hamlin F McCormick, Seattle
35 tons, Hamlin F McCormick, Tacoma
600 sks, Admiral Laws, Seattle
1,000 sks, Wapama, Los Angeles
SESAME SEED—360 sks, American Traveler, New York
SOAP—1,100 cs, Ernest H Meyer, Portland, Ore
600 cs, Point San Pablo, Tacoma
2,000 cs, Point San Pablo, Seattle
510 cs, Point San Pedro, Los Angeles
5,000 cs, Wapama, Los Angeles
SODA ASH—850 sks, Admiral Laws, Bellingham
SILICATE—25 dms, 400 sks, Point San Pablo, Tacoma
15 tons West Notus, Seattle
SULPHUR—2,000 sks, Point San Pablo, Port Townsend
SUNFLOWER SEED—16 tons, Lillian Luckenbach, New York
TOILET PREPS—8 tons, Lillian Luckenbach, New York
WATER, MINERAL—10 cs, Point Lobos, Mobile

Cargo Ship Arrivals

July 25 to August 7

New York

Agwistar	Tampico	July 31
Alegrete	Santos*	July 29
Algic	Buenos Aires	Aug 6
Amazone	Maracaibo*	Aug 3
American Cardinal	Tacoma*	Aug 6
American Farmer	London*	July 28
American Importer	Liverpool*	July 27
American Trader	London	Aug 3
Angelina	San Juan	July 26
Anniston City	Honolulu*	July 28
Aquitania	Southampton*	Aug 4
Arizonan	Seattle*	Aug 3
Astoria	Zamboanga*	Aug 3
Augvald	Santos	July 26
Awobasan	Singapore*	July 27
Batory	Gdynia*	July 31
Bayard	Manaos	Aug 1
Bencas	Ilheos	July 25
Black Condor	Antwerp*	July 28
Black Eagle	Antwerp*	Aug 3
Black Gull	Antwerp*	July 31
Borinquen	Trujillo*	Aug 3
Calamares	Santa Marta*	Aug 5
Caledonia	Glasgow*	Aug 3
Californian	Portland*	Aug 7
Caracas	Puerto Cabello*	Aug 3
Cauto	Tampico*	July 27
City of Glasgow	Calcutta*	July 27
Coamo	Trujillo*	July 27
Comerio	Guanica	July 25
Cristobal	Cristobal*	Aug 3
Cumbal	Pisco*	Aug 5
Dagrun	Santos	Aug 4
Dacre Castle	Para	July 29
Eastern Prince	Buenos Aires*	Aug 5
Erik Boye	Hamburg*	July 27
Estrella	Marseilles*	Aug 3
Examelia	Salonica*	July 29
Exarch	Beira*	July 29
Exermont	Genoa*	July 27
Exeter	Beirut*	Aug 5
Exmouth	Ceuta*	Aug 5
Falcon	Curacao*	July 27
Fernmoor	Iloilo*	July 26
Fort Amherst	St Pierre*	July 30
Fort Townshend	St John's*	Aug 6
Georgic	Havre*	Aug 1
Greystoke Castle	Davol*	July 25
Guayaquil	Port au Prince*	July 27
Haiti	Cristobal*	July 27
Hallaren	Oronskoldsvik*	Aug 3
Harpoon	Seattle*	July 27
Henri Jaspar	Terneuzen*	Aug 1
Hokkai	Manila*	Aug 3
Horace Luckenbach	Seattle*	Aug 5
Kwanto	Manila*	July 25
Lagaholm	Gothenburg*	July 28
Lake Osweya	Seattle*	July 25
Laura C	Trieste*	Aug 4
Leeds City	Philippines*	July 30
Lillian Luckenbach	Astoria*	July 27
Madoera	Batavia*	July 31
Magallanes	Barcelona*	Aug 3
Mangalore	Calcutta*	Aug 2
Manhattan	Hamburg*	Aug 6
Marin Sanudo	Naples*	Aug 4
Martinique	Aux Cayes*	Aug 6
Meriones	Glasgow	July 24
Minnequa	Gothenburg*	July 27
Montgomery City	Honolulu*	July 31
Munargo	Havana*	Aug 6
Musa	Puerto Barrios*	Aug 6
Nagara	Hongkong*	July 30
Nebraskan	Tacoma*	July 25
Nerissa	Trinidad*	July 27
Nevadan	Portland*	July 29
Normandie	Havre*	Aug 3
Oakmar	Grays Harbor*	July 29
Orania	Iheos*	July 25
Oriente	Havana	July 31
Orizaba	Vera Cruz*	July 28
Pacific	Anacortes*	July 28
Padnsay	Matadi*	Aug 5
Pastores	Cristobal*	Aug 3
Pipestone County	Havre*	Aug 2
Platano	Puerto Barrios*	July 30
Polarland	Puerto Plata	Aug 7
Ponce	San Juan	Aug 4
Port Fremantle	Liverpool	July 31
President Garfield	Manila*	July 27
President Polk	Manila*	July 27
Prince Rupert City	Philippines*	July 31
Prometheus	Yokohama*	Aug 1
Queen City	Philippines*	July 31
Quirigua	Port Limon*	Aug 2
Republic	San Francisco*	Aug 4
Rex	Genoa*	Aug 6
Robin Gray	Der-as Salaam	Aug 5
Rosario	San Juan	Aug 2
Samaria	Liverpool*	Aug 3
Sandown Castle	Beira	Aug 4
San Juan	San Juan	July 28
Santa Clare	San Antonio*	July 28
Santa Rita	Valparaiso*	Aug 4
Santa Rosa	San Francisco*	July 28
Scanstates	Gothenburg*	July 30
Seatrain Havana	New Orleans*	Aug 4
Seatrain New York	New Orleans*	July 28
Siboney	Vera Cruz*	Aug 4
Silverteak	Batavia*	Aug 7
Southern Cross	Buenos Aires*	July 29
Steel Mariner	Honolulu	Aug 8
Sterling	Vancouver*	July 31
Susan V Luckenbach	Seattle*	July 30
Tai Ping Yang	Sagay*	Aug 1
Torny	London	July 31
Ulua	Santa Marta*	July 29
Van Rensselaer	Curacao*	Aug 3
Venice	Kobe*	Aug 7
Veragua	Port Limon*	July 26
Virginia	San Francisco*	Aug 3
Volendam	Rotterdam*	Aug 3
Wales	Kobe*	July 25
Wanja	Seattle*	July 29
Waukegan	Dundee*	Aug 1
Westernland	Antwerp*	Aug 3
William A McKenney	Seattle*	July 30
William Luckenbach	Seattle*	Aug 4
Willamette Valley	Philippines*	July 31
Wisconsin	Portland*	Aug 1

* And other ports

Recent Charters

PETROLEUM—4,891 tons, S S Grena, clean, California to United Kingdom, Continent, 21s 9d; August

Imports Detained

Detention recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended July 29

Anise, 34 bags; excess acid-insoluble ash.
Coconut oil, 25 cases; no quantity of contents declaration.
Codliver oil, 65 drums; not U. S. P.
Codliver oil, poultry, 25 barrels; restricted use.
Colocynth, 7 bales; not National Formulary.
Coriander seed, 316 bags; filthy.
Medicinal preparations, 12 cases; false therapeutic claims.
Origanum, 46 bags; filthy.
Radioactive preparation, 1 case; dangerous to health.
Sesame seed, 50 bags; filthy.

Baltimore

Week Ended July 29

Medicinal preparation, 1 case; false therapeutic claims.
Milk powder, skimmed, 100 bags; excess moisture.
Radioactive preparations, 1 case; dangerous to health; false therapeutic claims.

Buffalo

Week Ended July 29

Codliver oil, 280 drums; misbranded as to vitamin content.

Los Angeles

Week Ended July 23

Mate, 1,813 pounds; false therapeutic claims.
Nutmegs, 34 bags; filthy.
Sesame seed, 10,900 pounds; filthy.

Philadelphia

Week Ended July 29

Codliver oil, 85 barrels; misbranded as to vitamin content.

San Francisco

Week Ended July 23

Medicinal preparations, 290 piece; false therapeutic claims.
Medicinal preparations, 36 pieces; acetanilid not declared.

Seattle

Week Ended July 23

Medicinal preparations, 4 packages; false therapeutic claims.

Olivier & Waterbury, fertilizer materials, Norfolk, continues in operation under the direction of A. Olivier. A previous report in the July 27 issue of the REPORTER, which stated that the firm ceased operation, was incorrect.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-thirty-fifth Instalment

Latex

(Vulcanization Accelerators for Latex)

(Continued from July 27 issue)

Reaction product of—
1-mercaptobenzothiazole with primary aromatic amines and formaldehyde
2-Mercaptobenzothiazole with alphanaphthylamine
2-Mercaptobenzothiazole with amines
2-Mercaptobenzothiazole with anilin
2-Mercaptobenzothiazole with betanaphthylamine
2-Mercaptobenzothiazole with betanaphthylamine further reacted with crotonaldehyde, formaldehyde, or furfural
2-Mercaptobenzothiazole with butylcyclohexylamine
2-Mercaptobenzothiazole with butyraldehydepropylamine
2-Mercaptobenzothiazole with butylparaaminodimethylanilin
2-Mercaptobenzothiazole with crotonaldehydeanilin
2-Mercaptobenzothiazole with cyclohexylanilin
2-Mercaptobenzothiazole with cyclohexylbenzylamine
2-Mercaptobenzothiazole with 2:5-dichloroanilin
2-Mercaptobenzothiazole with ethylcyclohexylamine
2-Mercaptobenzothiazole with formaldehydebetanaphthylamine
2-Mercaptobenzothiazole with isopropylcyclohexylamine
2-Mercaptobenzothiazole with methylcyclohexylamine
2-Mercaptobenzothiazole with orthochloroanilin
2-Mercaptobenzothiazole with orthotoluidin
2-Mercaptobenzothiazole with parachloroanilin
2-Mercaptobenzothiazole with paratoluidin
2-Mercaptobenzothiazole with paraxylidin
2-Mercaptobenzothiazole with primary aromatic amines
2-Mercaptobenzothiazole with primary aromatic amines together with formaldehyde, crotonaldehyde, or furfural
1-Mercapto-4-chlorobenzothiazole with alphanaphthylamine
1-Mercapto-4-chlorobenzothiazole with amines
1-Mercapto-4-chlorobenzothiazole with anilin
1-Mercapto-4-chlorobenzothiazole with benanaphthylamine
1-Mercapto-4-chlorobenzothiazole with butylcyclohexylamine

Reaction product of—
1-Mercapto-4-chlorobenzothiazole with butylpara-aminodimethylanilin
1-Mercapto-4-chlorobenzothiazole with butyraldehydepropylamine
1-Mercapto-4-chlorobenzothiazole with crotonaldehydeanilin
1-Mercapto-4-chlorobenzothiazole with cyclohexylanilin
1-Mercapto-4-chlorobenzothiazole with cyclohexylbenzylamine
1-Mercapto-4-chlorobenzothiazole with 2:5-dichloroanilin
1-Mercapto-4-chlorobenzothiazole with ethylcyclohexylamine
1-Mercapto-4-chlorobenzothiazole with formaldehydebetanaphthylamine
1-Mercapto-4-chlorobenzothiazole with isopropylcyclohexylamine
1-Mercapto-4-chlorobenzothiazole with methylcyclohexylamine
1-Mercapto-4-chlorobenzothiazole with orthochloroanilin
1-Mercapto-4-chlorobenzothiazole with orthotoluidin
1-Mercapto-4-chlorobenzothiazole with parachloroanilin
1-Mercapto-4-chlorobenzothiazole with paratoluidin
1-Mercapto-4-chlorobenzothiazole with paraxylidin
1-Mercapto-4-chlorobenzothiazole with primary aromatic amines
1-Mercapto-5-chlorobenzothiazole with alphanaphthylamine
1-Mercapto-5-chlorobenzothiazole with amines
1-Mercapto-5-chlorobenzothiazole with anilin
1-Mercapto-5-chlorobenzothiazole with benanaphthylamine
1-Mercapto-5-chlorobenzothiazole with betanaphthylamine, together with crotonaldehyde, formaldehyde, or furfural
1-Mercapto-5-chlorobenzothiazole with butylcyclohexylamine
1-Mercapto-5-chlorobenzothiazole with butylpara-aminodimethylanilin
1-Mercapto-5-chlorobenzothiazole with butyraldehydepropylamine
1-Mercapto-5-chlorobenzothiazole with cyclohexylanilin
1-Mercapto-5-chlorobenzothiazole with cyclohexylbenzylamine
1-Mercapto-5-chlorobenzothiazole with 2:5-dichloroanilin
1-Mercapto-5-chlorobenzothiazole with ethylcyclohexylamine

Reaction product of—
1-Mercapto-5-chlorobenzothiazole with formaldehydebetanaphthylamine
1-Mercapto-5-chlorobenzothiazole with isopropylcyclohexylamine
1-Mercapto-5-chlorobenzothiazole with methylcyclohexylamine
1-Mercapto-5-chlorobenzothiazole with orthochloroanilin
1-Mercapto-5-chlorobenzothiazole with orthotoluidin
1-Mercapto-5-chlorobenzothiazole with parachloroanilin
1-Mercapto-5-chlorobenzothiazole with paratoluidin
1-Mercapto-5-chlorobenzothiazole with paraxylidin
1-Mercapto-5-chlorobenzothiazole with primary aromatic amines
1-Mercapto-5-ethoxybenzothiazole with alphanaphthylamine amines
1-Mercapto-5-ethoxybenzothiazole with anilin
1-Mercapto-5-ethoxybenzothiazole with benanaphthylamine
1-Mercapto-5-ethoxybenzothiazole with butylcyclohexylamine
1-Mercapto-5-ethoxybenzothiazole with butylpara-aminodimethylanilin
1-Mercapto-5-ethoxybenzothiazole with butyraldehydepropylamine
1-Mercapto-5-ethoxybenzothiazole with crotonaldehydeanilin
1-Mercapto-5-ethoxybenzothiazole with cyclohexylanilin
1-Mercapto-5-ethoxybenzothiazole with cyclohexylbenzylamine
1-Mercapto-5-ethoxybenzothiazole with 2:5-dichloroanilin
1-Mercapto-5-ethoxybenzothiazole with ethylcyclohexylamine
1-Mercapto-5-ethoxybenzothiazole with formaldehydebetanaphthylamine
1-Mercapto-5-ethoxybenzothiazole with isopropylcyclohexylamine
1-Mercapto-5-ethoxybenzothiazole with methylcyclohexylamine
1-Mercapto-5-ethoxybenzothiazole with orthochloroanilin
1-Mercapto-5-ethoxybenzothiazole with orthotoluidin
1-Mercapto-5-ethoxybenzothiazole with parachloroanilin
1-Mercapto-5-ethoxybenzothiazole with paratoluidin
1-Mercapto-5-ethoxybenzothiazole with paraxylidin

(To be continued)

Business Opportunities

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SAN FRANCISCO importer of crude drugs and oils from the Orient desires brokerage connections in manufacturing centers. Give full particulars and references. Barrett & Probert, 420 Market street, San Francisco.

Equipment Offered

SPRECKLES $10,000,000 Liquidation—6 No. 4 Vallez filters; fifteen Shriver c.i. filter presses, 32" x 32" side feed, open delivery, each equipped with 50 chambers; fifty bronze basket centrifugal machines, batteries of three, four, six and eight, 40" baskets; one Swenson triple effect evaporator, 2,000 square feet per effect, copper tubes; one Hersey rotary hot air dryer 3' x 10'; four Oats vacuum pans, 10' to 16'; 150 motors, ½ H.P. to 150 H.P., 3 phase, 60 cycle, 220 volts; complete laboratory and library; 9,000 horsepower boilers, 250 H.P. to 500 H.P., complete with stokers; fifteen Elwell-Parker 4,000 lb. electric industrial trucks; thirty elevators; four pneumatic packing machines for one to five pound cartons; 100 centrifugal and vacuum pumps, motor, steam and belt drives; ten miscellaneous sized air condensers; 3,000 tons pipe, valves and fittings, 2" x 24"; three 75 kw.d.c. generators, engine driven. The above only partial list. Send for 32-page catalog, also send us full list of your requirements. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, New York. Telephone Yonkers 2400.

FOR SALE:—676 ft. Worthington, 100 pounds Pres. electric driven air compressor, 300 H.P., 200 pound Pres. water tube boiler, 8x12 Dorrco filter, 3 10,000 gallon steel tanks. R. C. Stanhope, Inc., 101 West 31st street, New York, N. Y.

PEBBLE MILLS, rebuilt new jars and lining; Tolhurst extractor, 40" bottom discharge; rotary, shelf and truck dryers, 20" and 30" stone mills. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Offered

FOR SALE:—Two pebble mills (Abbe) each 70 gals. charge, $150 each; one Crossley pebble mill, 170 gals. charge, $300; autoclave, 500 gals., new and stirrer and condenser, $300; 12 H.P. gas steam boiler mearskane, automatic feed, etc. Condition certified, $350. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia.

FOR SALE—One 12 by 30 roller-mill, chain drive with ten horse motor; one twenty-gallon pony mixer with four change cans; rapid mixer with two large tanks. Very good value. No dealers. BOX 548, Oil, Paint and Drug Reporter.

WILL SACRIFICE for prompt sale complete shellac cutting equipment including 3 450 gallon agitator tanks, shellac loader, De Laval clarifier, pumps, can filling machine, belting, shafting, motor, etc. Photograph on request. BOX 551, Oil, Paint and Drug Reporter.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 555, Oil, Paint and Drug Reporter.

Equipment Wanted

MACHINERY WANTED:—Used portable belt bag piler 18 inches wide 15-20 feet length. Also few used No. 9 Rotex sifters three decker separations. National Sawdust Co., Inc., 69 North Sixth street, Brooklyn, N. Y.

Factories Offered

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Materials Offered

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Materials Wanted

WANTED—Wastes, by-products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetic specialties. Any quantity. Any condition. Machinery bought and sold. BOX 554, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 553, Oil, Paint and Drug Reporter.

Positions Vacant

PHARMACEUTICAL CHEMIST and experienced production manager wanted. Excellent opportunity for the right man. Give complete details and salary expectations in reply. BOX 546, Oil, Paint and Drug Reporter.

FACTORY MANAGER—Small paint and varnish manufacturer, devoted to industrial and maintenance production, desires the services of an experienced paint formulator to take charge of development and production work. BOX 552, Oil, Paint and Drug Reporter.

EXPERIENCED SALESMAN — Manufacturer of industrial lacquers, shipping point and offices in New York, has opening for a young man with sales experience in the industrial field. BOX 561, Oil, Paint and Drug Reporter.

PAINT CHEMIST—At least 3 to 5 years general experience. Ability to develop and improve paint products. Give complete record of employment. BOX 562, Oil, Paint and Drug Reporter.

EXPERIENCED colorist wanted for matching shade and strength of dyestuffs, especially on acetate dyes. BOX 563, Oil, Paint and Drug Reporter.

LARGE MANUFACTURER of house and technical paints in Greater New York has opening for chief chemist who must be thoroughly familiar with the formulation of paints and all other duties of a chief chemist. Liberal compensation. BOX 564, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE FOR paint, varnish and enamel manufacturer, well experienced in handling sales, finance and production problems. BOX 520, Oil, Paint and Drug Reporter.

Positions Wanted

ORGANIC CHEMIST, Ph.D., twenty years, successful experience in research and development work in synthetic organic chemistry, desires position. BOX 514, Oil, Paint and Drug Reporter.

POSITION WANTED by young man whose experience gives him a thorough knowledge of inside sales, purchasing, general office management and raw materials. Now employed in executive capacity in the paint manufacturing business. College graduate in chemistry. BOX 534, Oil, Paint and Drug Reporter.

EXECUTIVE CHEMIST and chemical engineer, American, former consultant, now employed as development director, seeks wider opportunity for demonstrated business-building capacity. Very broad experience in research, development and production with sales and sales-service work. Extensive patent record, patent, legal and contract experience. High managerial skill. Linguist. Direct and unusually diversified experience in chemical and allied lines such as cellulose industries, textiles, ceramics, paints, oils, leather, rubber, building materials, naval stores, adhesives, colloids, foods, biologicals and, also, many minor fields. Very highest references for capacity and for personal integrity. BOX 532, Oil, Paint and Drug Reporter.

PLANT CHEMIST, experienced in the manufacture of paint, varnish, lacquers and candles. BOX 559, Oil, Paint and Drug Reporter.

CHEMIST (WOMAN), thoroughly experienced in water and biochemical analysis, with post-graduate work in colloidal chemistry. Box 560, Oil, Paint and Drug Reporter.

CHEMIST, PHARMACIST, experienced manufacturing colloidal metals, wishes position. Louis P. Lippman, 265 West 81st street, New York City.

PAINT MAKER, experienced in all branches of paint manufacturing, seeks position of responsibility; at present located in New York. BOX 547, Oil, Paint and Drug Reporter.

CHEMIST AND writer (28) desires literary connection with technical publication, technical firm or advertising agency. Extensive research, publication, and production experience on colloids, emulsions, emulsifying agents, abrasives, natural and synthetic waxes, auto and floor polishes. Have also written technical sales booklets for well-known firms. Will handle free-lance assignments. Highest references. BOX 550, Oil, Paint and Drug Reporter.

SALESMAN, thoroughly experienced, chemically trained, has successfully sold candy, flavor, baking, drug and manufacturing chemists industries through New England, New York, Pennsylvania and southern territories. Owns car and has excellent references. BOX 556, Oil, Paint and Drug Reporter.

CHEMIST, having more than six years' experience in dyeing, printing and weighing silk fabrics. BOX 558, Oil, Paint and Drug Reporter.

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2—W. & P. Jack. Mixers, 200 gals., power tilting.
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	Stock.	Class.	Amount.	Payable.	Of record.
Bandini Petroleum Co.	Com.	M.	5c.	Aug. 20	July 28
Bourjois, Inc.	Pfd.	Q.	68¾c.	Aug. 15	Aug. 1
Canadian Converters Co.	Com.	Q.	50c.	Aug. 15	July 31
Canadian Oil Cos.	Com.	Q.	12½c.	Aug. 15	Aug. 1
Colgate-Palmolive-Peet Co.	Com.	Q.	12½c.	Sept. 1	Aug. 6
Crown Drug Co.	Pfd.	Q.	43¾c.	Sept. 1	Aug. 15
Dow Drug Co.	Com.	..	15c.	Aug. 15	Aug. 4
Enamel Products Co.	Com.	..	10c.	Aug. 1	July 27
Great Western Electro-Chemical Co.	Com.	..	80c.	Aug. 15	Aug. 5
Hercules Powder Co.	Pfd.	Q.	$1.75	Aug. 15	Aug. 4
Life Savers Corp.	Com.	Q.	40c.	Sept. 1	Aug. 1
McIntyre Porcupine Mines Co.	.....	Q.	50c.	Sept. 1	Aug. 1
Minneapolis-Honeywell Regulator Co.	Com.	Q.	37½c.	Aug. 15	Aug. 4
Minneapolis-Honeywell Regulator Co.	Com.	Ext.	12½c.	Aug. 15	Aug. 4
North American Oil Consolidated.	.....	..	25c.	Aug. 5	July 25
Sherwin-Williams Co.	Com.	Q.	$1.00	Aug. 15	July 31
Worcester Salt Co.	Pfd.	Q.	$1.50	Aug. 15	Aug. 5

Obituaries

Adolph A. Bernartz, for thirty years in the employ of the Liquid Carbonic Corporation, Chicago, formerly a branch manager, and recently assistant general sales manager, died July 26 as the result of an automobile accident. He was fifty-two years old and widely known in the various fields served by the corporation.

Dr. Aubrey C. Grubb, Professor of Physical Chemistry at the University of Saskatchewan since 1921, died in Saskatoon, Sask., last week, following an illness of several years which forced his retirement from classes last February. Dr. Grubb's research work related to electrical activation of hydrogen and nitrogen gases. He was a member of the American Chemical Society.

Spencer T. Horton, retired glass manufacturer, died July 25 at his home in Scarsdale, N. Y. He was seventy-two years old. Mr. Horton was born in Fishkill, N. Y. He was one of the organizers and formerly vice-president of the Morris Glass Company, this city, which was formed after employees took over the Theodore Morris Company seventeen years ago. Surviving are his wife, Mrs. Eva Chichester Horton; a son, Spencer B. Horton, Elmhurst, L. I.; and two daughters, Mrs. Walter Dicken, Elmhurst, and Mrs. Marion Bent, this city.

Gasoline Freight Rates Cut

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the New York Central (East) on gasoline, petroleum fuel oil and related articles as specified in the tariff, in tank-cars, minimum weight as per rule 35 of the official classification, from Syracuse to Naples on the Lehigh Valley railroad, 11c. per hundredweight. Reduction from class rates. Effective July 15.

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